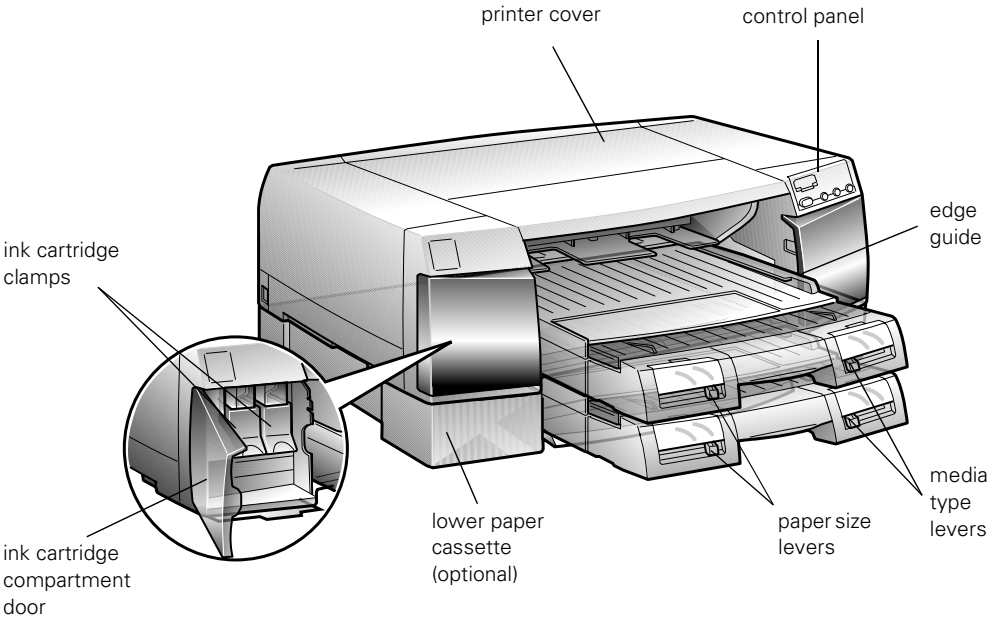
EPSON Stylus® Pro 5500

PRINTER GUIDE

EPSON®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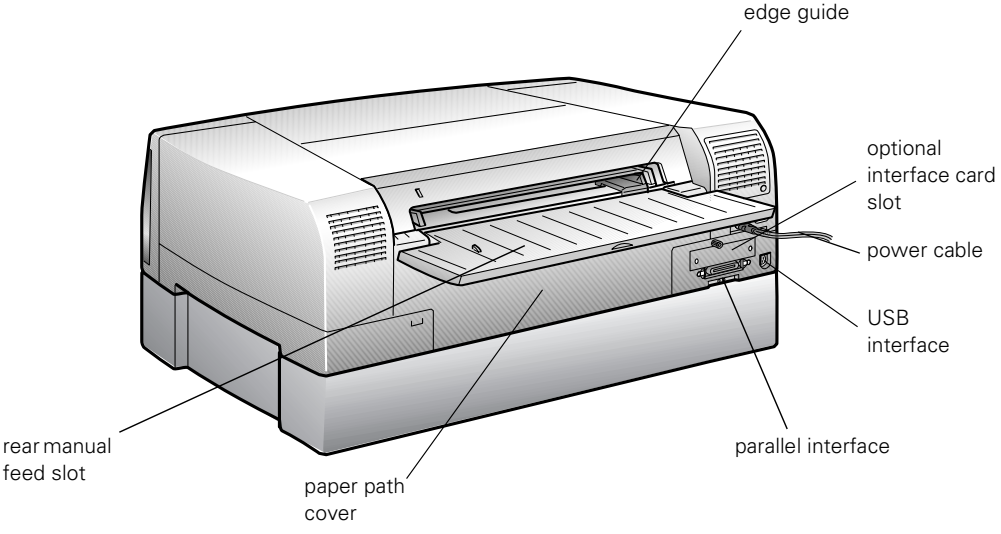
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optional interface card slot
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USB interface
rear manual feed slot
paper path cover
parallel interface

EPSON Stylus® Pro 5500

PRINTER GUIDE

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2/01 CPD-11338

Declaration of Conformity

According to 47CFR, Part 2 and 15 for Class B Personal Computers and Peripherals; and/or CPU Boards and Power Supplies used with Class B Personal Computers:

We:	EPSON AMERICA, INC.
Located at:	MS: 6-43 3840 Kilroy Airport Way Long Beach, CA 90806-2469
Tel:	(562) 290-5254

Declare under sole responsibility that the product identified herein, complies with 47CFR Part 2 and 15 of the FCC rules as a Class B digital device. Each product marketed, is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on a statistical basis as required by 47CFR §2.909. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name:	EPSON
Type of Product:	Ink Jet Printer
Model:	P991A

FCC Compliance Statement

For United States Users

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

For Canadian Users

This Class B digital apparatus complies with ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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Introduction

The EPSON Stylus® Pro 5500 color ink jet printer is the key component in a revolutionary new digital color printing system. The printer provides resolutions up to 2880 × 720 dpi using EPSON's variable size droplet, MicroPiezo® DX3™ print head for unsurpassed image quality. Proprietary ASICs (application-specific integrated circuits) ensure consistent printing and color accuracy from job to job.

Six-color EPSON Archival™ Ink technology gives you photographic images that will last up to 200 years.* Individual, high-capacity ink cartridges with auto ink-level detection provide increased productivity, ease of use, and low per-copy printing costs.

The EPSON Stylus Pro 5500's media handling flexibility lets you print on a variety of substrates, from plain papers to professional grade media, from 4 × 6 inches up to 13 × 19 inches, including 200 lb card stock. With a standard 250-sheet paper tray and optional 250-sheet cassette, you get uninterrupted performance. With the two manual feed slots you can print on sheets up to 44 inches long. Fast print speeds let you produce an 8.5 × 11-inch, photo quality print in about 2 minutes, or a 13 × 19-inch print in about 5 minutes.

Flexible, high-performance driver and RIP choices include:

- EPSON's award-winning photographic drivers for Microsoft® Windows® 95, 98, Me, Windows NT® 4.0, and 2000, and Apple® Macintosh®
- Optional EFI® Fiery® Spark Professional RIP software for the most demanding PostScript® printing on Macintosh or Windows

* Lightfastness rating is based on accelerated testing of prints on special media, displayed indoors, under glass. Actual print stability will vary according to image, display conditions, light intensity, humidity, and atmospheric conditions. EPSON does not guarantee the longevity of prints. For maximum print life, display all prints under glass or lamination or properly store them.

Optional Equipment and Software

Your EPSON Stylus Pro 5500 offers these optional upgrades to enhance your print productivity:

Optional equipment and software

Option	Part number
250-sheet lower paper cassette and tray	C813611
Replacement 250-sheet paper tray	C813621
10/100 BaseT Ethernet™ Type B interface card	C823632A
IEEE-1394 FireWire® Type B interface card	C823722
EFI Fiery Spark Professional RIP software	TBD

You can purchase optional equipment and software, ink cartridges, paper, and manuals from EPSON at (800) 873-7766 or visit the EPSON Store™ at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 873-7766 for dealer referral.

Using This *Printer Guide*

This Guide contains the following information:

Chapter 1 explains how to unpack and set up the printer, and install the EPSON printer driver and utilities from your printer software CD-ROM.

Chapter 2 gives instructions for printing on a variety of paper types through the available paper paths and for using special EPSON media.

Chapter 3 explains how to use the EPSON printer driver for Macintosh.

Chapter 4 explains how to use EPSON printer driver for Windows.

Chapter 5 explains what to do when the printer's control panel lights indicate a paper jam or other problem, and how to use the printer's monitoring utilities.

Chapter 6 gives instructions for replacing ink cartridges, running print head cleaning cycles, aligning the print head, and cleaning and transporting the printer.

Chapter 7 provides troubleshooting tips and solutions for any printing problems you may have.

Appendix A provides the technical details on your printer, ink cartridges, and EPSON media.

An **Index** is included at the end of the book.

Warnings and Cautions

You'll find this information throughout this guide:

Warnings must be followed carefully to avoid bodily injury.

Cautions must be observed to avoid damage to your equipment.

Notes contain important information about your printer.

Macintosh System Requirements

To use your printer with a Macintosh in a standalone environment or on a network, your system should meet the following minimum requirements:

- For USB connection: Power Macintosh® G3, G4, or iMac™ series (System 8.5.1 or later)

  For IEEE 1394 connection: iMac DV, G3, or G4 series (System 8.6 or later with FireWire Update 2.1 or later)

  For 10/100 BaseT Ethernet connection: iMac, G3, or G4 series (System 7.6.1 or later)
- 256MB of RAM recommended
- At least 50MB of free hard disk space to install the software and at least 150MB of hard disk space for processing large files
- Double-speed (2×) CD-ROM drive (quad-speed [4×] or faster recommended) or DVD drive for installing the printer software

If your iMac is running OS 8.1, you need to update your operating system before installing your printer software.

If your iMac is running OS 8.5.1, Apple recommends that you install iMac Update 1.1, available on the Apple web site.

- For USB connection: a compliant USB port and a shielded USB "AB" cable from Series A (computer) to Series B (printer), up to 6.6 ft. (2 meters) long

  For FireWire or network connection: an optional FireWire or Ethernet interface card (described on page 2) and compatible cable

Windows System Requirements

Using an improperly shielded USB cable—especially a cable more than 6.6 ft. (2 meters) long—may cause the printer to malfunction.

To use your printer in either a standalone or peer-to-peer network environment, your system should include:

- IBM®-compatible PC with a Pentium® II or higher processor recommended
- For parallel connection: Windows 95, 98, Me, NT 4.0, or 2000

  For USB connection: USB port equipped PC with Windows 98 (factory installed), Me, or 2000

  For IEEE 1394 connection: FireWire port equipped PC with Windows Me or 2000

  For 10/100 BaseT Ethernet connection: Ethernet equipped PC with Windows 95, 98, Me, NT 4.0, or 2000
- 256MB of RAM recommended
- At least 50MB of free hard disk space to install the software and at least 150MB of free hard disk space for processing files (more for large files)
- Double-speed (2×) CD-ROM drive (quad-speed [4×] or faster recommended) or DVD drive for installing the printer software
- For parallel connection: a high-speed, bidirectional, IEEE-1284 compliant parallel cable, 6 to 10 ft. (1.8 to 3 m) long, with a D-SUB, 25-pin, male connector for your computer and a 36-pin, Centronics® compatible connector for the printer

  For USB connection: a computer running Windows 98, Me, or 2000 with a Windows compliant USB port and a shielded USB "AB" cable from Series A (computer) to Series B (printer), up to 6.6 ft. (2 meters) long.

  For FireWire or network connection: an optional FireWire or Ethernet interface card (described on page 2) and compatible cable

Where To Get Help

EPSON provides telephone support and information on the installation, configuration, and operation of professional graphics products through the EPSON Preferred[SM] Protection Plan. Dial (888) 377-6611, 6 A.M. to 8 P.M., Pacific Time, Monday through Friday, and 7 A.M. to 4 P.M., Pacific Time, Saturday.

Before you call, make sure you have your Unit ID number, which is included with the EPSON Preferred Protection Plan information that came with your printer. You'll also need your printer serial number and proof of purchase.

EPSON also provides technical assistance 24 hours a day through the electronic support services listed in the following table:

Service	Access
World Wide Web	From the Internet, you can reach EPSON's Professional Graphics Home Page at **http://prographics.epson.com**.
Automated Telephone Services	A variety of automated help services are available 24 hours a day, seven days a week. To use these services, you must have a touch tone telephone and call **(800) 922-8911**.

You can purchase ink cartridges, paper, and accessories from EPSON at (800) 873-7766 or visit the EPSON Store at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 873-7766 for dealer referral.

ENERGY STAR Compliance

As an ENERGY STAR Partner, EPSON has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

The EPA ENERGY STAR Office Equipment program is a voluntary partnership with the computer and office equipment industry to promote the introduction of energy-efficient personal computers, monitors, printers, fax machines, and copiers in an effort to reduce air pollution caused by power generation.

Important Safety Instructions

Before using your printer, read the following safety instructions to make sure you use the equipment safely and effectively.

- Turn off and unplug the printer before cleaning. Clean with a damp cloth only. Do not spill liquid on the printer.
- Do not place the printer on an unstable surface or near a radiator or heating vent.
- Place the printer on a flat surface. It will not operate properly if it is tilted or at an angle.
- Do not block or cover the openings in the printer's cabinet or insert objects through the slots.
- Use only the type of power source indicated on the label.
- Connect all equipment to properly grounded power outlets. Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.
- Place the printer near a wall outlet where the plug can be easily unplugged.

  Placez l'imprimante près d'une prise de contacte où la fiche peut être débranchée facilement.
- Do not let the power cord become damaged or frayed.
- If you use an extension cord, make sure the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure the total of all devices plugged into the wall outlet does not exceed 15 amperes. Use of extension cords is not recommended.
- Except as specifically explained in the documentation, do not attempt to service the printer yourself.
- Unplug the printer and refer servicing to qualified service personnel under the following conditions:

  If the power cord or plug is damaged; if liquid has entered the printer; if the equipment has been dropped or the cabinet damaged; if the printer does not operate normally or exhibits a distinct change in performance. Adjust only those controls that are covered by the operating instructions.

Even if you are familiar with other types of printers, be sure to read through the following list of precautions before operating your ink jet printer:

- Do not put your hand inside the printer or touch the print head during printing. Do not move the print head by hand.
- Under normal circumstances, ink will not leak out of the cartridges. If it does get on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.
- Keep ink cartridges out of the reach of children and do not drink the ink.
- Do not dismantle the ink cartridges or try to refill them. This could result in damage to the print head.
- Once you install an ink cartridge, do not remove the cartridge except to replace it with a new one (or transport the printer).
- Install the ink cartridge immediately after you remove it from its package. Leaving the cartridge unpacked for a long time before use may result in reduced print quality.
- Do not use an ink cartridge beyond the date printed on the cartridge carton. For best results, use up the ink cartridges within six months of installing them.
- Do not shake an ink cartridge; this can cause leakage.
- Always turn the printer off using the ⏻ Operate button. When this button is pressed, the ⏻ Operate light flashes briefly then goes out. Do not unplug the printer or turn off the power to the outlet until the ⏻ Operate light is off.
- Before transporting the printer, make sure the print head is in the far right position and the ink cartridges have been removed.

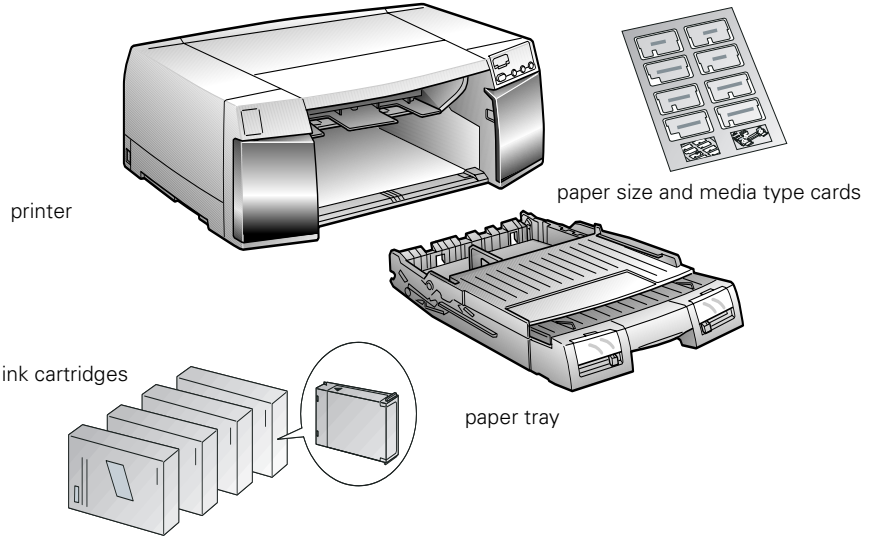
Chapter 1 Setting Up the Printer

To set up your EPSON Stylus Pro 5500, you need to unpack it , install the paper tray(s) and ink cartridges, load paper, and run a printer check. Once the printer is set up, you need to install the printer driver and utilities from the printer software CD-ROM and then align the print head. This chapter covers the following information:

- Unpacking the printer
- Installing the optional lower paper cassette
- Installing the paper tray
- Installing the ink cartridges
- Loading paper
- Running a printer check
- Connecting the printer to your computer
- Installing the printer software and configuring it for network use, if necessary
- Aligning the print head

Unpacking the Printer

Here's what is included in the box:



Caution

The printer weighs approximately 50 lb. Do not try to lift or carry the printer alone.

Follow these steps to unpack your printer and place it in a safe location:

1. Follow the instructions on the illustrated sheet in the box to remove the tape and protective materials.

   Save all packaging so you can use it if you need to transport the printer later.

2. Place the printer on a flat, stable surface near a grounded outlet.

   Do not use an outlet controlled by a wall switch or timer, or on the same circuit as a large appliance. This may disrupt the power, which can erase the printer's memory and damage the power supply.

3. Leave plenty of room in back to access the manual feed slot and enough room in front for removing the paper tray.

Also be sure to follow all the Safety Instructions beginning on page 6.

4. Do not put the printer:
   - In an area with high temperature or humidity
   - In direct sunlight or dusty conditions
   - Near sources of heat or electromagnetic interference, such as loudspeakers or cordless telephone base units

If you purchased the optional lower paper cassette, you need to place the printer on top of it. Follow the instructions in the next section.

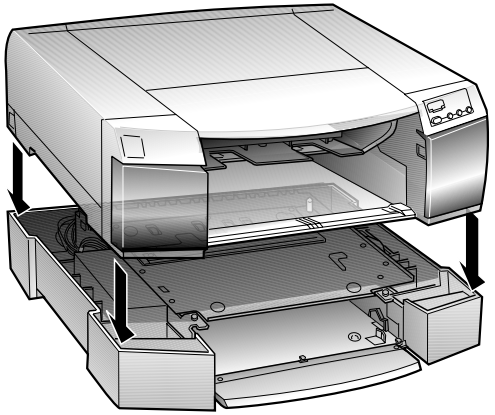
Installing the Optional Lower Paper Cassette

The lower paper cassette provides an additional paper source so you can have two different papers available for printing at all times. If you didn't purchase the optional lower cassette, skip to page 1-4 and install the standard paper tray.

1. Unpack the cassette and paper tray. Follow the illustrated sheet in the box to remove the tape and protective materials.

2. Place the cassette where you want to use the printer, with the paper tray slot facing forward.

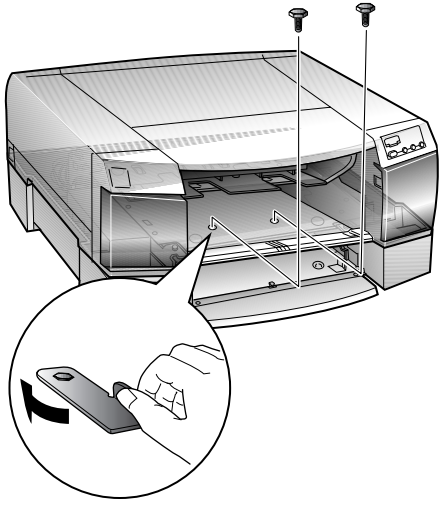
3. Place your printer on top of the cassette as shown:



Warning

Hold the bottom of the printer at the depression on the sides so your fingers don't get caught between the printer and the cassette.

4. Attach the printer and cassette using the two screws that come with the cassette. Use the hexagonal wrench that comes with the cassette to tighten the screws.

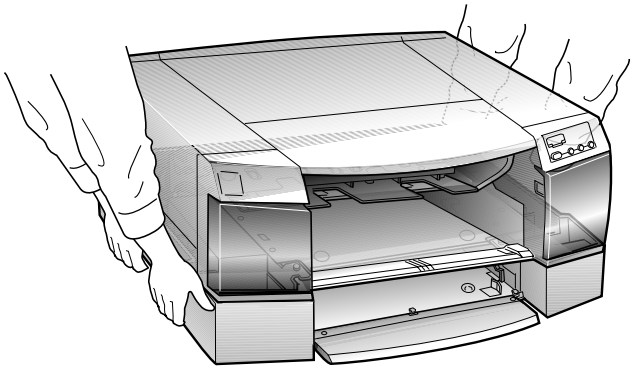


Warning

Do not try to move the paper cassette or printer without securing the screws; otherwise the cassette and printer may come apart and cause injury.

Warning

If you need to move the printer after you attach the cassette, have one person lift it on each side, holding the bottom of the cassette at the depression.

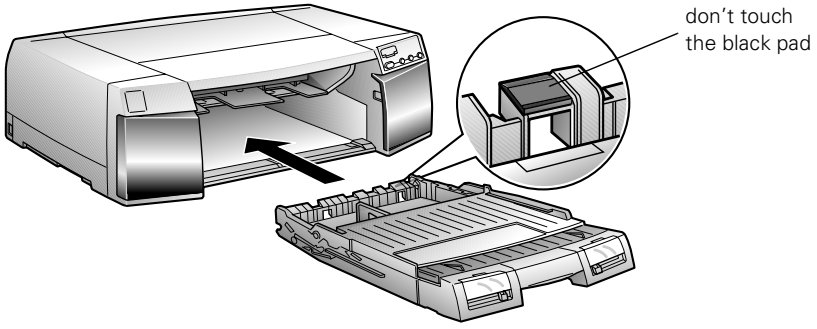


Installing the Paper Tray

Insert the paper tray into the slots at the front of the printer as shown below:

Caution

Be careful not to touch the black pad at the right end of the paper tray. Smudges and dirt on the pad may cause a paper feeding problem.



If you installed the lower paper cassette, insert the paper tray that came with it in the same way.

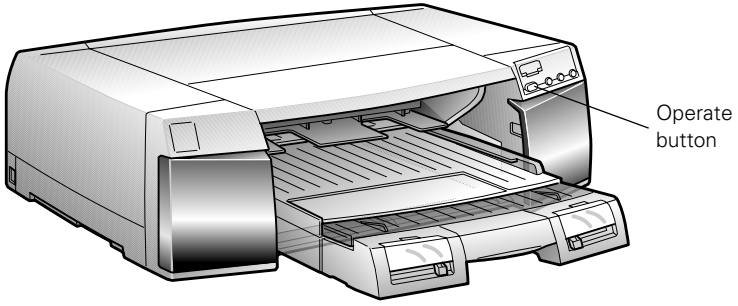
Installing the Ink Cartridges

Always use new ink cartridges. Reinstalling partially empty ink cartridges prevents the ink counter from accurately indicating the amount of ink remaining.

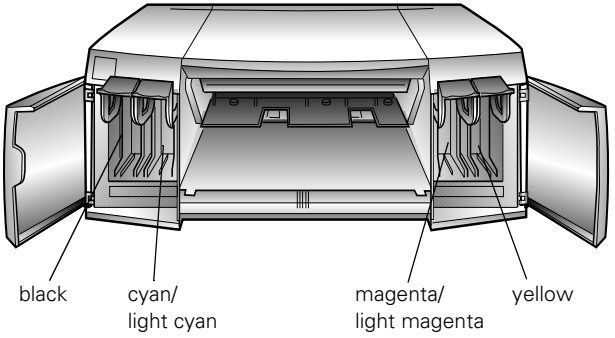
1. Plug in the printer and turn it on by pressing the ⏻ Operate button. Press the button and hold it for a second until the ⏻ Operate light comes on. The Ink Out and main paper tray lights come on and all the ◊ ink out lights flash.

Note

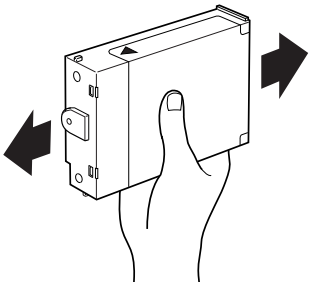
The first time you plug in the printer, the power supply may cycle the fan and then turn off. This is normal operation.



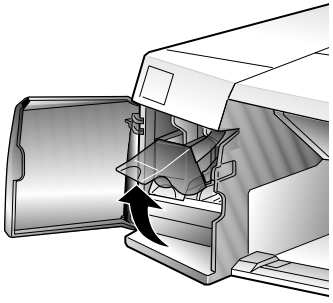
2. Open the left and right ink cartridge compartment doors.



3. Open one of the ink cartridge packages and shake the cartridge gently, as shown.



4. Lift up the ink cartridge clamp for the corresponding ink slot.



Note

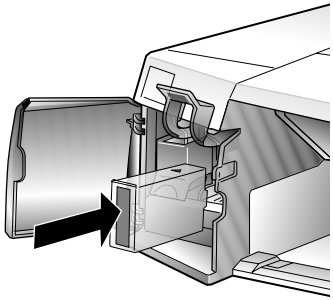
You can install the ink cartridges in any order; however, each slot can only hold the specified ink color.

Warning

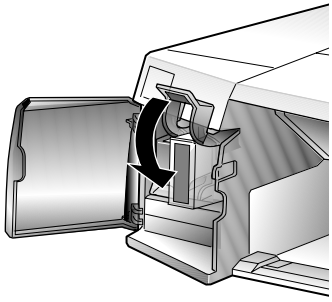
If ink gets on your hands, wash them thoroughly with soap and water. If ink gets in your eyes, flush them immediately with water.

To avoid injury, do not reach into the ink cartridge compartments.

5. Hold the ink cartridge with the arrow mark face-up and pointing to the rear of the printer, and fully insert the cartridge into the slot.



6. Close the clamp until it clicks into place. The corresponding ◊ ink out light goes out. Repeat steps 3 through 6 for the other ink cartridges.



Caution

Never turn off the printer or open the paper path cover on the back when the ⏻ Operate light is flashing. However, if the light is still flashing after 15 minutes and the printer is not moving or making noise, you may turn off the printer.

7. Make sure all the ◊ ink out lights are off, then close the ink compartment doors. The printer begins charging the advanced ink delivery system. The ⏻ Operate light flashes and the printer makes various sounds.

Charging takes about 6 minutes. Do not turn off the printer or interrupt this important process or you'll use up more ink than necessary. The ⏻ Operate light stops flashing when the ink charging process is finished.

Loading Paper

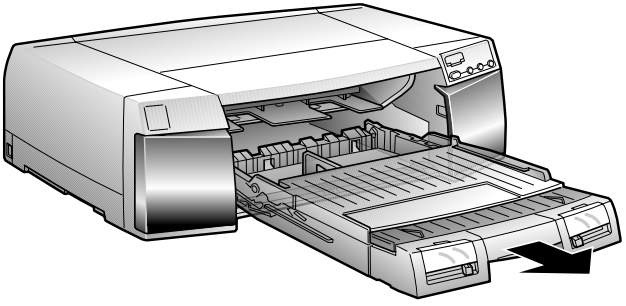
Note

See Chapter 2 for instructions on using the manual feed slots.

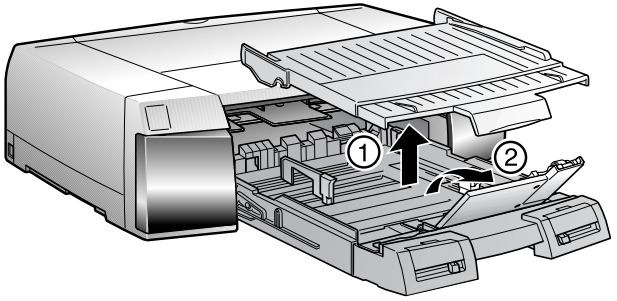
Your EPSON Stylus Pro 5500 printer has four paper paths: one for the standard paper tray, one for the optional lower paper cassette, and two for the manual feed slots.

Follow these steps to load paper in one of the paper trays:

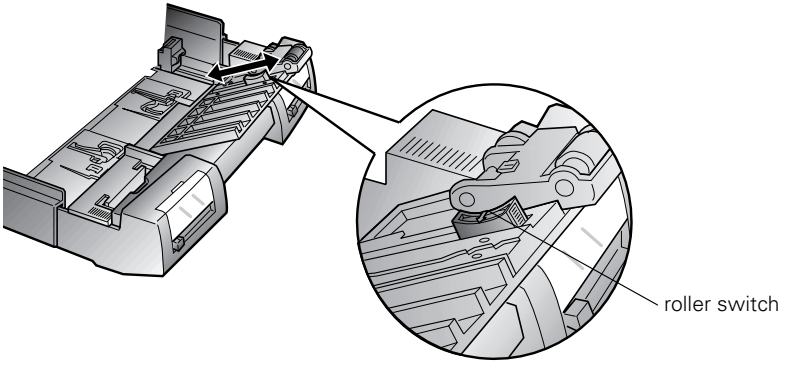
1. Pull the paper tray out until you feel some resistance. You can also pull the tray all the way out of the printer to load paper.



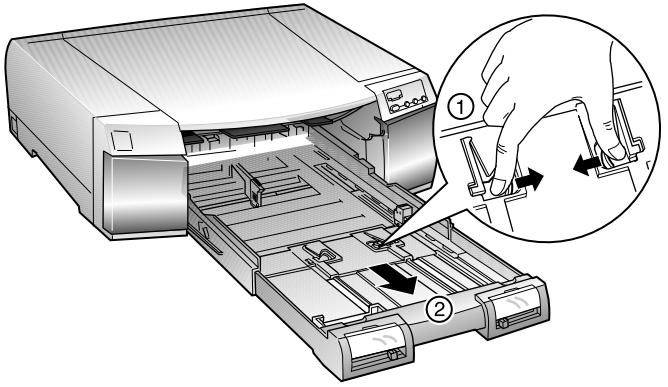
2. Lift off the paper tray cover and raise the paper guide roller.



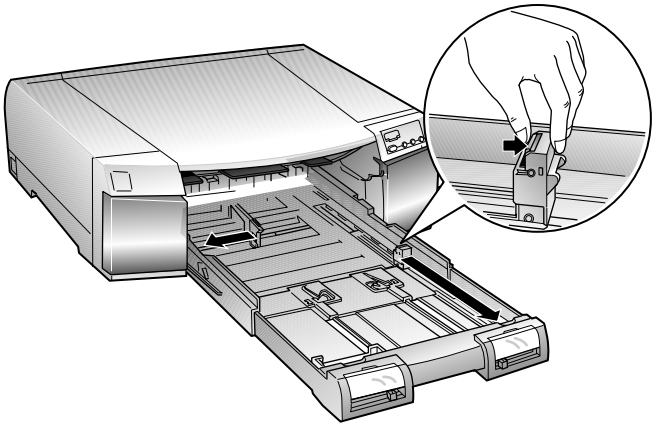
3. Slide the switch to the roller position that matches the paper size you're loading.



4. If you're using legal-size or larger paper, release the extension locks and pull out the paper tray extension completely.



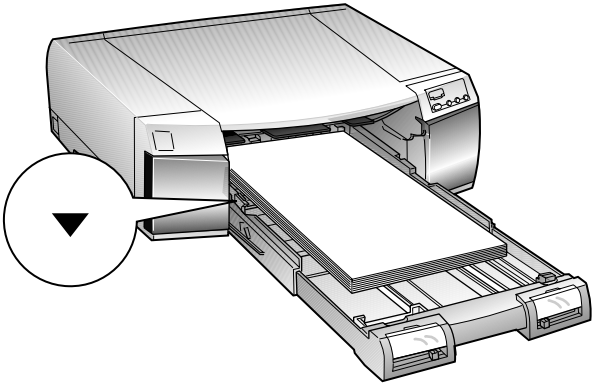
5. Slide both edge guides out as far as they will go.



6. Fan a stack of paper and then even the edges.

7. Load the stack of paper with the printable surface down and the right edge of the paper resting against the right side of the paper tray.

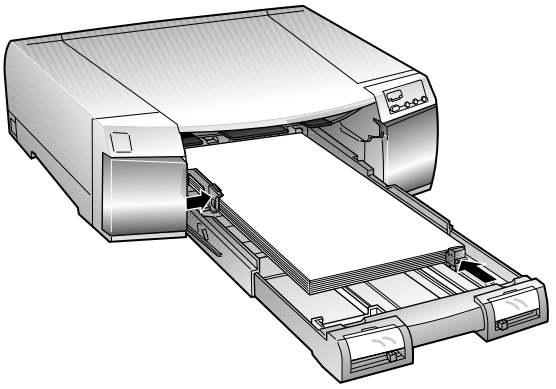
   Don't load paper above the arrow mark inside the left edge guide.



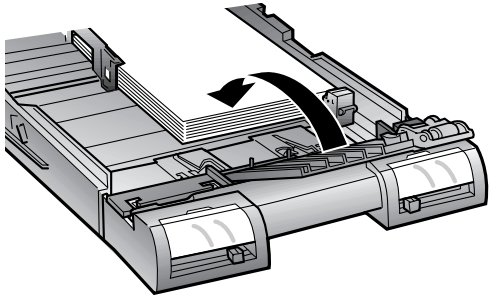
Note

Make sure the paper is loaded printable side down and the stack lies flat on the bottom of the tray.

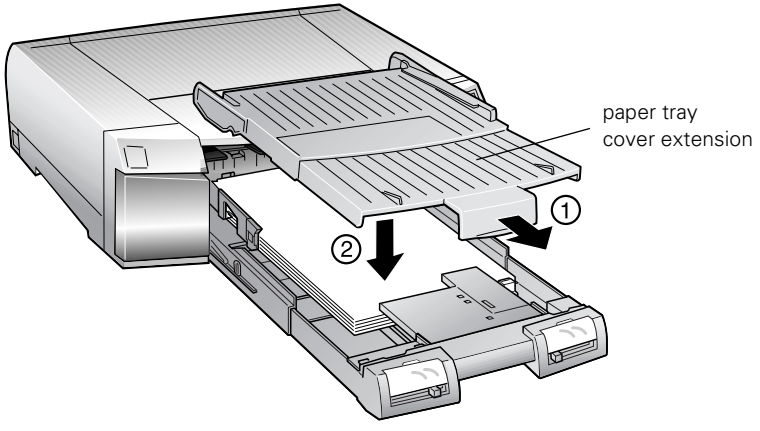
8. Slide the edge guides against the paper stack.



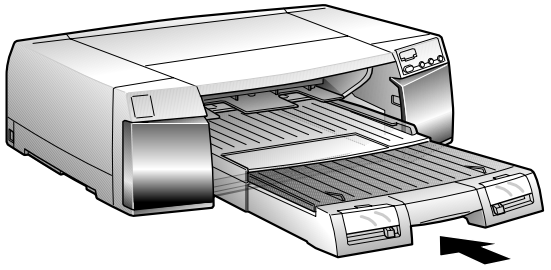
9. Close the paper guide roller.



10. Replace the paper tray cover. (If you pulled out the paper tray extension, slide out the cover extension before you replace the cover.)



11. Push in the paper tray until it meets resistance. The Paper Out light goes out.

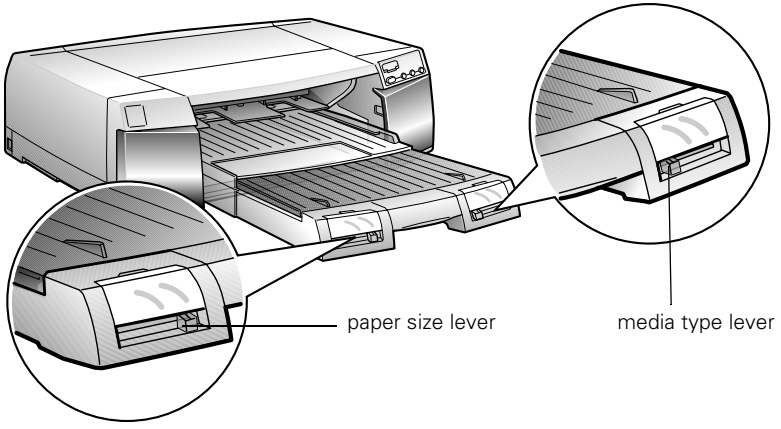


12. Set the paper size and media type levers for the paper you're using.

    For letter-size Archival Matte Paper, set the levers as follows:

    - Paper size: LTR
    - Media type: Archival Matte Paper

    The levers don't directly affect print quality, but they allow your software to verify that the print settings for a job are correct for the paper you're using. For more information about the levers, see Chapter 2.



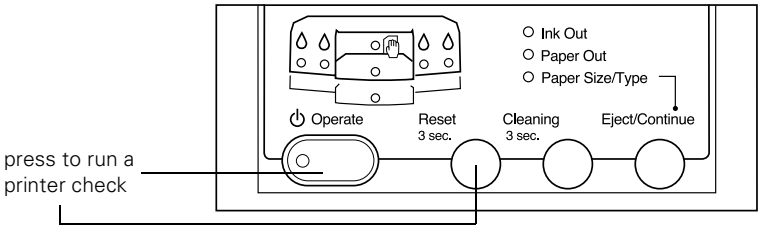
Note

When you set the paper size and media type levers, you should also use the paper size and media type cards to identify the paper loaded in the tray. The cards let users know what's in the printer at a glance, and prevent anyone from inadvertently changing the lever settings. See Chapter 2 for more information about using the cards.

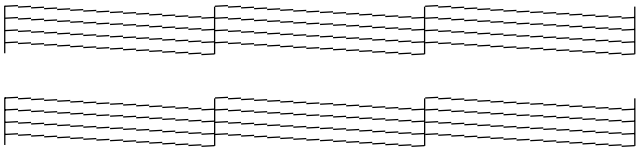
Running a Printer Check

You can use the printer check to make sure that your printer is operating correctly before you connect it to your computer.

1. Turn off the printer.
2. Make sure letter-size (or larger) paper is loaded in the main paper tray.
3. Hold down the Reset button and press the ⏻ Operate button to turn on the printer. Release the buttons when the ⏻ Operate light begins flashing.



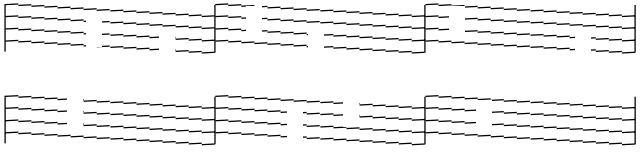
After a few moments, the printer prints one page showing the version of your printer's ROM, a nozzle check pattern, and the printer's default settings, as shown below:



```
================ Current Settings ================
Paper Size/Type Check                          : On
Parallel I/F ECP Mode                          : Off
Platen Gap Adjustment for Manual Feed Slots : Auto
```

4. Press the ⏻ Operate button to turn off the printer.
5. Check the printout.
   - If the printout looks like the example above, your printer is operating correctly.

- If the pattern has missing segments, as in the following example, your printer may have a clogged ink nozzle. Run a cleaning cycle as described on page 6-1.



- If nothing prints at all, make sure your ink cartridges are correctly installed. Then run a cleaning cycle, as described on page 6-1.

Connecting the Printer to Your Computer

Check the system requirements on page 3 (Macintosh) or page 4 (Windows) before connecting your printer to make sure your system meets or exceeds the minimum requirements.

You can connect the printer to your computer using one of three different interfaces, depending on your system:

- USB interface (for Windows 98, Me, 2000, and Macintosh)
- Parallel interface (for Windows)
- Optional interface card (for printing on a FireWire interface or a network; see page 2 for a list of the available cards)

Note

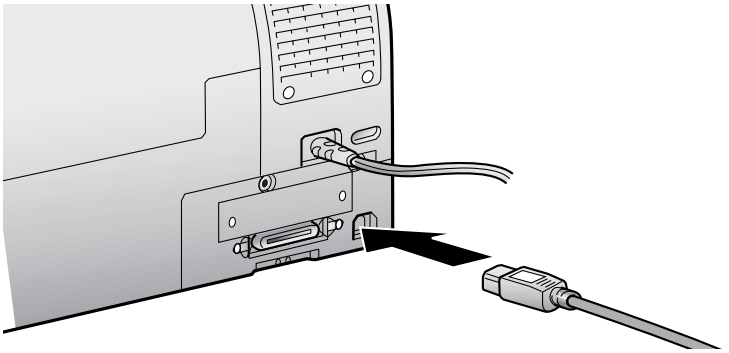
The EPSON Printer Port and DMA transfer features (Windows 95, 98, or Me only) of the EPSON printer driver are available only with a parallel interface connection.

If you're using a USB hub, connect the printer's cable to the first tier of the hub or you may experience communication errors. If the printer doesn't work with the hub, connect it directly to a USB port on your computer.

Connecting to the USB Port

To connect the printer to a USB port, you need a standard shielded USB cable. Follow the steps below to connect the printer to your computer.

1. Make sure both the printer and your computer are turned off.
2. Connect the square end of the USB cable to your printer's USB port.



3. Connect the flat end of the cable to your computer's USB port or a first tier USB hub.

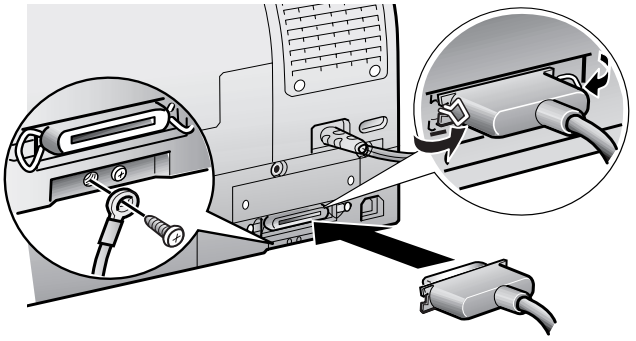
Now follow the steps in "Installing Printer Software for Windows" on page 1-18 or "Installing Printer Software for Macintosh" on page 1-19 to install the printer driver and utilities on your system.

Connecting to a Parallel Port (Windows Only)

To use the printer's built-in parallel interface, you need a shielded, bidirectional, parallel cable. Follow the steps below to connect the printer to your computer.

1. Make sure both the printer and your computer are turned off.

2. Connect the larger end of the parallel cable to your printer's parallel port. Then secure it with the wire clips. If your cable has a ground wire, connect it to the ground connector beside the printer's parallel interface connector.



3. Connect the other end of the cable to your computer's parallel port and secure it as necessary.

4. If you connected your printer to a computer that requires ECP mode for parallel devices, you need to turn on the printer's ECP mode.

   Hold down the Reset and Cleaning buttons, then press the ⏻ Operate button to turn on the printer. The ⏻ Operate and paper tray lights start flashing. Press the Reset button until the ◊ black ink out light comes on. Then press the ⏻ Operate button to turn off the printer. (If you later need to turn off ECP mode, follow steps above, but hold down the Reset button until the ◊ cyan ink out light comes on instead.)

Now follow the steps in "Installing Printer Software for Windows" on page 1-18 to install the printer driver and utilities.

Note

If your computer has multiple parallel ports, connect your printer to the built-in one (LPT1). To use a different port, see your Windows Help for instructions.

To set up the EPSON Printer Port and DMA transfer mode for your parallel port, see page 6-11.

Connecting to an Optional Interface Card

Before you install an optional interface card, see the documentation that comes with the card for setup information.

The optional interface cards listed below let you use your printer on a FireWire interface or a network. The Ethernet card automatically detects the protocols on your network, so you can print from Windows 95, 98, Me, 2000, or NT 4.0, or a Macintosh on an AppleTalk network.

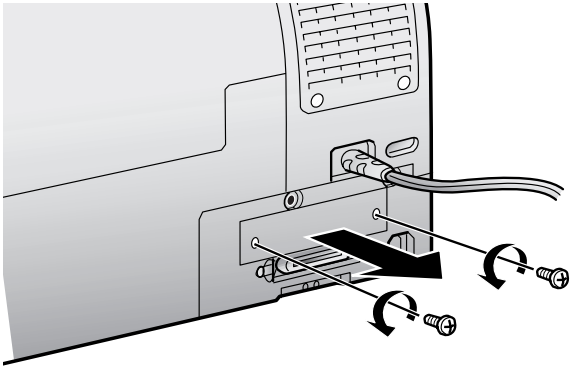
The following optional interface cards are available:

Interface card	Part number
10/100 BaseT Ethernet Type B interface card	C823632A
IEEE-1394 FireWire Type B interface card	C823722

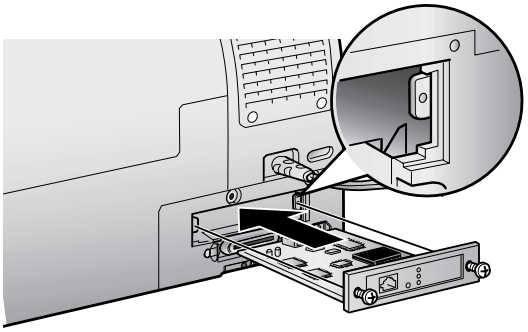
To install an optional interface card, follow these steps:

Don't install the interface card when the printer is connected to an electrical outlet. Doing so may damage the printer.

1. Turn off the printer and unplug the power cord from the electrical outlet.
2. Disconnect any interface cables, if necessary.
3. Set any DIP switches and jumpers on the card, if necessary. See the interface card's documentation for details.
4. Use a Phillips screwdriver to remove the two screws securing the optional interface cover, then lift off the cover. Keep the screws so you can use them if you remove the interface card and replace the cover.

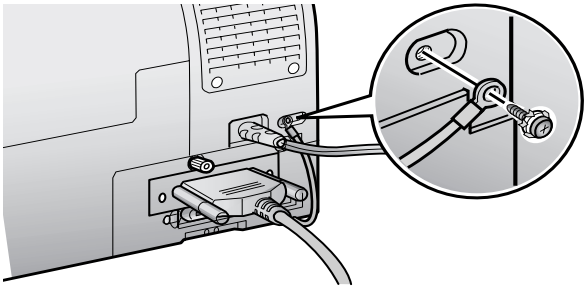


5. Slide the interface card along the slots inside the interface compartment. Push it in firmly to fully insert the connector at the rear of the interface card into the printer's internal socket.



6. Secure the interface card with the two screws included with the card.

7. Connect a compatible interface cable to the interface card and to your computer. If the cable has a ground wire, secure it as shown.



Note

To remove an interface card, follow the steps in the reverse order.

8. Plug in the printer's power cord.

Now follow the steps in "Installing Printer Software for Windows" on page 1-18 or "Installing Printer Software for Macintosh" on page 1-19 to install the printer driver and utilities on your system.

If you use your printer on a network, also see "Setting Up Your Printer on a Network" on page 1-21 for additional instructions.

Installing Printer Software for Windows

Note

If you'll be using the optional RIP software drivers to control your printer instead, see the documentation on the RIP software CD-ROM for instructions on installing and using the software.

After connecting the printer to your computer, you need to install the printer driver and utilities included on your printer software CD-ROM. Follow these steps:

1. Make sure your printer is turned off.
2. Turn on your computer and start Windows. If the New Hardware Found screen or Add New Hardware Wizard appears, click Cancel.
3. Insert the printer software CD-ROM in a CD-ROM or DVD drive. After a moment, this dialog box appears:

4. Click Install Printer Driver, then click the ⇢ icon.
5. Click OK in the next window to start printer software installation. You see windows opening on your screen during driver installation. On Windows 95 and NT, the Status Monitor 3 utility is also installed now.
6. **Windows 95 or NT**: Turn on your printer and go to step 7.

   Windows 98, Me, or 2000: You see a window asking you to turn on your printer. Press the ⏻ Operate button until the ⏻ Operate light comes on. After a few moments, the software configures your printer port and installs the Status Monitor 3 utility.

Note

If you're using Windows 2000 and connected your printer with a parallel cable or network interface card, click the Stop Searching button at step 6 and go to step 7.

7. When you see a message informing you that installation is complete, click OK.

8. Click the icon to exit the installer.

9. If you're using Windows 95 or NT, or if the final installation completion screen asked you to do so, restart your computer now.

If you'll be using your printer on a network, see "Setting Up Your Printer on a Network" on page 1-21 for configuration instructions.

For instructions on using your printer software, see Chapter 4.

Installing Printer Software for Macintosh

After connecting the printer to your Macintosh, you need to install the printer driver and utilities included on your printer software CD-ROM. Follow these steps:

Caution

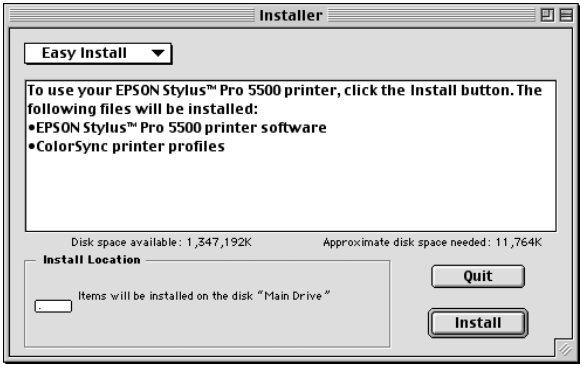
Turn off all virus protection programs before you install your printer software.

1. Turn on your Macintosh and your printer.

2. Insert the printer software CD-ROM in a CD-ROM or DVD drive. Double-click the EPSON CD-ROM icon to open its window.

3. Double-click the Printer Driver Installer folder icon to open the folder. Then double-click the Stylus Pro 5500 Installer icon inside it.

4. At the first screen, click Continue. The following dialog box appears:



5. Click the Install button, then click Continue on the next screen.

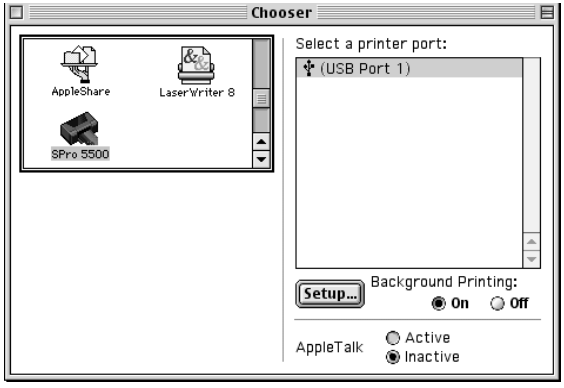
6. Select the default paper size you want the printer software to use and click OK.

7. When you see a message informing you that installation is complete, click Restart to restart your computer.

8. After your Macintosh restarts, select Chooser from the Apple menu.

   If you're going to be sharing the printer on an AppleTalk network, skip the rest of these steps. Instead see "Setting Up on a Macintosh Network" on page 1-24 to finish configuring the printer.

9. Click the SPro 5500 icon, then click the icon for the USB port your printer is connected to.



10. Select the appropriate Background Printing radio button to turn background printing on or off.

    With background printing on, you can use your Macintosh while it is preparing a document for printing and use the EPSON Monitor3 utility to manage print jobs.

11. Close the Chooser.

For instructions on using your printer software, see Chapter 3.

Setting Up Your Printer on a Network

Follow the steps in the appropriate section to configure your computers to use the printer on a network:

- "Setting Up on a Windows 95, 98, or Me Network" below
- "Setting Up on a Windows NT 4.0 or Windows 2000 Network" on page 1-23
- "Setting Up on a Macintosh Network" on page 1-24

Setting Up on a Windows 95, 98, or Me Network

Note

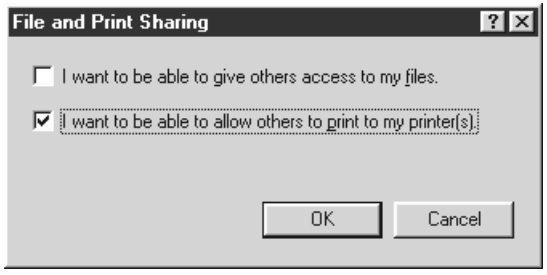
This section tells you how to configure your printer as a shared printer on a network. To connect your printer directly to a network without setting it up as a shared printer, consult your network administrator.

This section tells you how to set up your printer so that computers on the network can share it. First configure the host computer (the computer to which you connected the printer) to share the printer, then configure the client computers to connect to it.

Configuring the Host Computer

Perform these steps on the computer to which you connected the printer:

1. Click Start, point to Settings, then click Control Panel.
2. Double-click the Network icon.
3. Click the File and Print Sharing button. You see this dialog box:



Note

If you see a dialog box requesting the Windows 95, 98, or Me CD-ROM, insert the CD-ROM and follow the screen prompts. If you see a message requesting you to restart your computer, do so. Then continue with step 6.

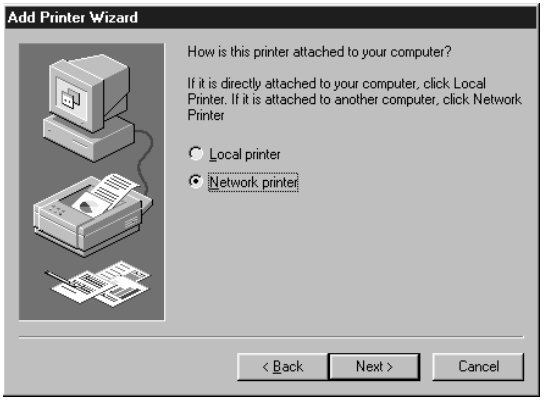
4. Select the I want to be able to allow others to print to my printer(s) check box and click OK.
5. In the Network window, click OK.

6. In the Control Panel, double-click Printers.
7. Select your printer, then choose Sharing on the File menu.
8. Select Shared As, enter the printer information as needed, then click OK.

Configuring the Client Computers

Perform these steps on every computer that will need to access the printer:

1. Click Start, point to Settings, and click Printers.
2. Double-click the Add Printer icon.
3. The Add Printer Wizard screen appears. Click Next.
4. Click Network printer, then click Next.



5. Click Browse.
6. Double-click the icon of the host computer (directly connected to the printer). Then click the printer's icon.
7. Click OK and follow the messages on the screen to complete configuration.

For instructions on using your printer software, see Chapter 4.

Setting Up on a Windows NT 4.0 or Windows 2000 Network

This section tells you how to configure your printer as a shared printer on a small network. To connect your printer directly to a network without setting it up as a shared printer, or to set it up for sharing on a large network, consult your network administrator.

In step 3, don't choose any drivers from the Alternate Drivers list.

This section tells you how to set up your printer so that computers on the network can share it. First install the printer software on every computer that will need to access the printer, as described on page 1-18.

Then configure the host computer (the computer to which you connected the printer) to share the printer, and configure the client computers to connect to it.

Configuring the Host Computer

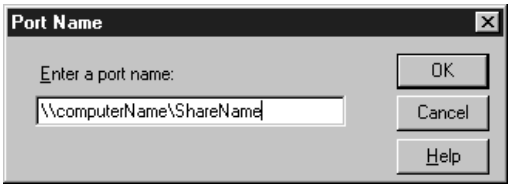
Perform these steps on the computer to which you connected the printer:

1. Click Start, point to Settings, and click Printers.
2. Select your printer icon, then select Sharing from the File menu.
3. Click the Shared (Windows NT) or Shared as (Windows 2000) button and enter a share name for the printer.
4. Click OK.

Configuring the Client Computers

Perform these steps on every computer that will need to access the printer:

1. Click Start, point to Settings, and click Printers.
2. Right-click your printer icon, then click Properties.
3. Click the Ports tab, then click Add Port.
4. Select Local Port, then click New Port. The following dialog box appears:



5. In the text box, type the appropriate information for your system using the syntax below, then click OK:

   *name of computer connected to the printer**name of the shared printer*

6. In the Printer Ports dialog box, click Close.

7. On the Ports screen, make sure the new port is added and its checkbox is selected. Then click OK.

For instructions on using your printer software, see Chapter 4.

Setting Up on a Macintosh Network

This section tells you how to configure your printer as a shared printer on a network. To connect your printer directly to a network without setting it up as a shared printer, consult your network administrator.

This section tells you how to set up the printer as a shared printer on an AppleTalk network. First install the printer software on every computer that will need to access the printer, as described on page 1-19.

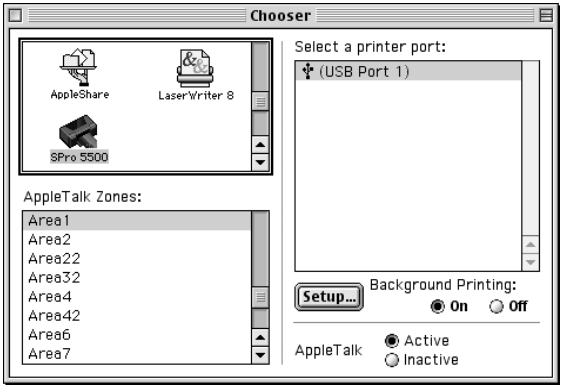
Then configure the host Macintosh (the computer to which you connected the printer) to share the printer, and configure the client Macintosh computers to connect to it, as described in the next two sections.

Configuring the Host Macintosh

Perform these steps on the Macintosh to which you connected the printer:

1. Turn on the printer.

2. Select Chooser from the Apple menu. Then click the SPro 5500 icon and the icon for the USB port your printer is connected to.



3. Click the Setup button. The following dialog box appears:

4. Click the Share this Printer checkbox, then type a name for the printer and password information as needed.

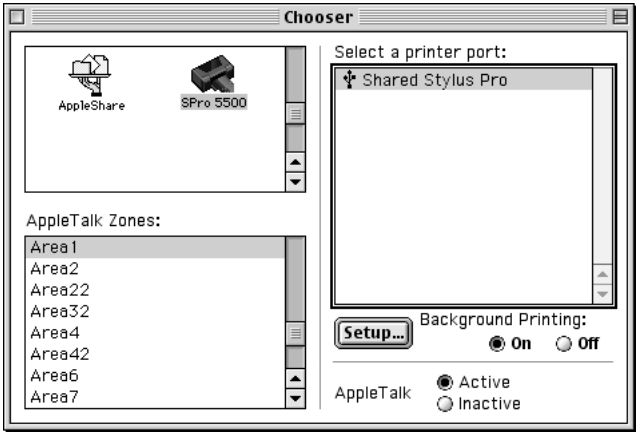
5. Click OK. The name of the shared printer appears in the port list in the Chooser.

6. Close the Chooser.

Configuring the Client Macintosh Computers

Perform these steps on every Macintosh that will need to access the printer:

1. Select Chooser from the Apple menu. Then click the SPro 5500 icon and select the shared printer name on the right. You can only select from the printers connected to your current AppleTalk zone.



2. If you're prompted for a password, enter the password for the printer and click OK.

3. Select the appropriate Background Printing radio button to turn background printing on or off.

4. Close the Chooser.

For instructions on using your printer software, see Chapter 3.

Aligning the Print Head

Before you use the printer, you should align the print head to ensure accurate, clean printouts. Load several sheets of one of these types of paper, letter-size or larger, in the main paper tray:

- Archival Matte Paper
- Premium Glossy Photo Paper, or
- Professional Glossy Paper

There are two ways to align the print head:

- Using the Print Head Alignment utility in your printer software, as described below (not available if you're accessing the printer over a network)
- Using the printer's control panel buttons, as described on page 6-7

Running the Print Head Alignment Utility

1. Make sure the printer is turned on but not printing, and the paper described above is loaded in the main paper tray.

2. If you have an application running, access the printer settings dialog box as described on page 3-2 (Macintosh) or page 4-1 (Windows).

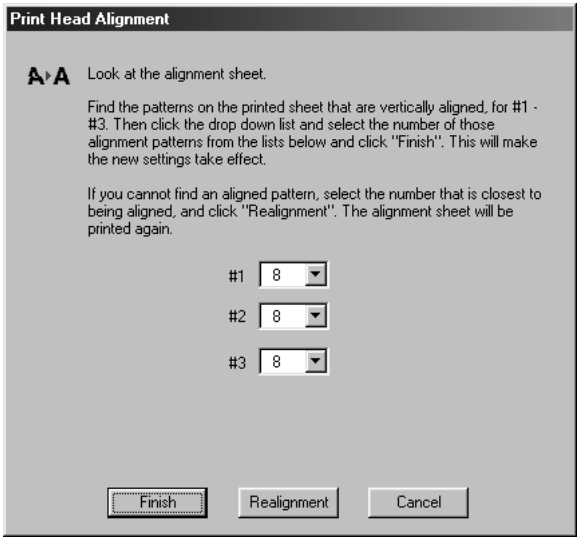
   Or, with Windows, click Start, point to Settings, and select Printers. Right-click the EPSON Stylus Pro 5500 printer icon. Then select Properties (Windows 95, 98, or Me), Document Defaults (Windows NT), or Printing Preferences (Windows 2000).

3. **Macintosh:** Click the utility button.

   Windows: Click the Utility tab.

4. Click the Print Head Alignment button.

5. Follow the instructions on the screen to print a test page. Printing takes several minutes. You see this window:



Note

You may want to check the alignment patterns using a standard 8X loupe so they're easier to see.

You'll probably need to align the print head at least twice when you first set up the printer.

6. On the printed page, select the pattern that shows the two vertical lines most precisely printed on top of each other. Select one pattern each for rows 1, 2, and 3. Then enter the number of the best pattern for each row in the corresponding boxes on the screen.

7. Click Realignment to print another test page. Make sure the pattern numbered 8 in each row is the best aligned. If not, repeat steps 6 and 7.

8. When you're finished, click Finish.

Chapter 2: Printing on Various Papers

Your EPSON Stylus Pro 5500 prints on a variety of substrates, from plain paper to high-quality matte and glossy media. With four paths to choose from (if you have the optional lower cassette), you can use paper sizes from 4 × 6 inches to 13 × 19 inches. The straight-through rear manual feed slot lets you print on stock up to 200 lb and sheets up to 44 inches long.

This chapter includes instructions for the following:

- Selecting a paper path
- Using the paper trays
- Using the front manual feed slot
- Using the rear manual feed slot
- Printing on EPSON media
- Clearing paper jams

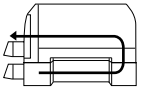
Selecting a Paper Path

You can use the 250-sheet auto feed paper trays for the letter-size or larger papers you print on most often. The front manual slot gives you a convenient way to feed individual Executive-size or larger sheets. The rear manual slot provides a straight-through paper path for papers of all sizes and weights, up to 44 inches long.

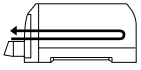
The following illustrations show the paper paths available:

Standard paper tray:

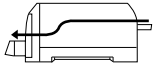
Optional lower paper tray:



Front manual feed slot:



Rear manual feed slot:



The following table indicates the paper sizes you can print from the four paper paths:

Paper sizes and paper paths

Paper size	Standard paper tray	Optional lower paper tray	Front manual slot	Rear manual slot
Half letter/A5 or less	—	—	—	OK
Executive (7.5 × 10 in.)	—	—	OK	OK
Letter/A4	OK	OK	OK	OK
Letter/A4 landscape	OK	OK	OK	OK
Legal	OK	OK	OK	OK
Ledger/tabloid/A3/B (11 × 17 in.)	OK	OK	OK	OK
Super A3/B (13 × 19 in.)	OK	OK	OK	OK
Panoramic, banner, or paper longer than 19 in.	—	—	—	OK

Using the Standard and Optional Paper Trays

You can use these trays for most sizes of paper up to 13 × 19 inches. However, the trays can't handle paper shorter than 11 inches (letter-size).

To determine how many sheets of your paper type you can load in the paper trays, see page 2-3.

When you load paper in either of the trays, you need to set the paper size and media type levers to match the paper you're using, as described on page 2-4. This allows your software to verify that the print settings for a project are correct for the paper you're using. If the print settings don't match the lever settings, you'll get an error message, and your job won't print. This can save you both time and money by making sure you don't accidently print with the wrong settings.

You can disable verification by setting the levers to **Other**. However, the purpose of paper size and media type verification is to help you avoid printing errors, and you should take advantage of this help whenever possible.

Note

You can't load Watercolor Paper - Radiant White or card stock in the paper trays. Use the rear manual feed slot only.

For more information about EPSON media, see page 2-9.

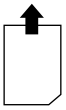
Paper Tray Loading Capacities and Guidelines

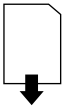
The loading capacity of the paper trays depends on the type of paper you're loading. Use this table to determine the number of sheets you can load:

Paper type	Paper tray capacity	Additional information
Archival Matte Paper	50 (A4 or letter size) 20 (A3 or Super A3/B size)	Use the support sheet packed with the paper
Premium Glossy Photo Paper	20	—
Professional Glossy Paper	20	—
Premium Luster Photo Paper	20	—
Plain paper	250	Use the rear manual feed slot for paper smaller than letter size

When you're loading the paper trays, follow these guidelines:

- Don't touch the printable surface of the paper. Fingerprints may affect print quality.
- Keep unused media in its packaging and store it in a cool, dry place to avoid a decline in quality. Avoid storing media or printouts where they will be exposed to high temperature, humidity, or direct sunlight.
- Place the printable side of the paper face-down in the tray. If you're using preprinted paper, such as letterhead or forms, load it with the top edge leading into the printer.
- Some EPSON special media have cut corners to help you determine the correct loading position for the paper path you are using:

  Paper tray and front manual feed slot: 

  Rear manual feed slot: 

- Load paper before you send your print job. If the paper runs out during a print job, you can have the printer automatically switch to the other tray. (The paper size and media type levers must be set the same for both trays, or the levers must be set to Other on the lower tray. See the next section for instructions.)
- Always choose the correct Media Type setting in your printer software before you send your print job.
- Press the Eject/Continue button if you need to remove a sheet of paper.
- To keep your printouts looking their best, store them in a resealable plastic bag or other airtight covering.

Setting the Paper Tray Levers

For any papers not on this list, set the lever to Other.

For best printing results, you need to set the media type and paper size levers correctly when you load paper. You should also use the media type and paper size cards to identify the paper loaded in each tray. This helps all users to be aware of what's in the printer at a glance, and also prevents anyone from inadvertently changing the lever positions.

The following table identifies the media type settings for EPSON media and similar papers:

Media type lever settings

Paper	Media type lever setting
Plain paper	Plain Paper
Archival Matte Paper	Archival Matte Paper
Premium Glossy Photo Paper	Premium Semigloss Photo Paper
Professional Glossy Paper	Glossy Paper - Photo Weight
Premium Luster Photo Paper	Premium Luster Photo Paper
Use only if ink smears	Thick Paper
Use for unlisted papers	Other

The following table identifies the paper size lever settings:

Paper size lever settings

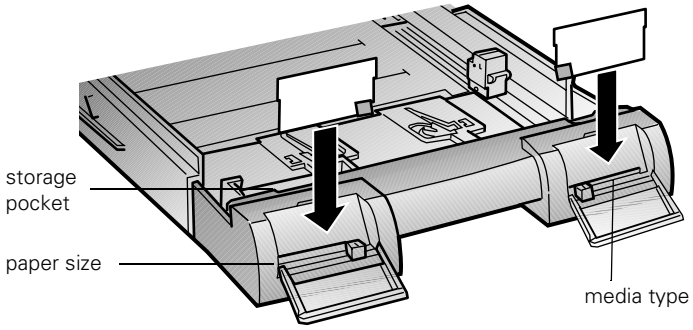
Media size	Paper size lever setting
13 × 19 in.	Super A3/B
297 × 420 mm	A3
Ledger/tabloid/11 × 17 in.	LGR
Legal/11 × 14 in.	LGL
210 × 297 mm	A4
Letter/8.5 × 11 in.	LTR
No. 10/DL/C5/C6 envelopes	Other
Any other size	Other

1. Load the paper following the instructions on page 1-7.

   The trays can hold 250 sheets of plain paper (24 lb bond, for example). Follow the guidelines for tray capacities on page 2-3 when you use EPSON media or similar papers.

2. Set the media type and paper size levers according to the guidelines in the tables above.

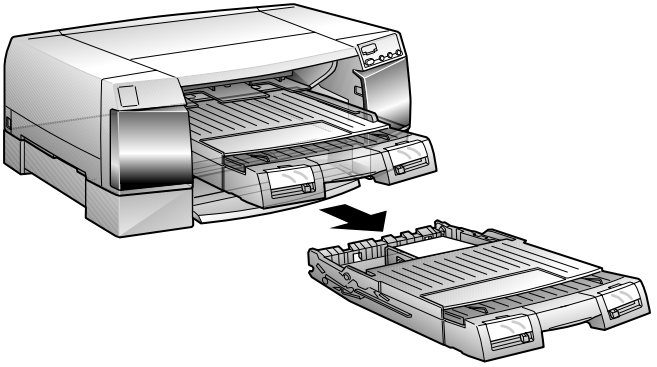
3. Find the paper size and media type cards for the paper you loaded, open the clear plastic covers above the levers, and insert the cards.



If you change the paper type and/or paper size in a tray, be sure you change the lever settings and cards. Store unused cards in the pocket behind the left card slot.

Loading Paper in the Optional Lower Tray

Always pull the paper tray completely out of the lower paper cassette before you insert paper.



To print on paper in the lower tray, select Paper Tray (Lower) or Auto Select in your printer software before you send the print job.

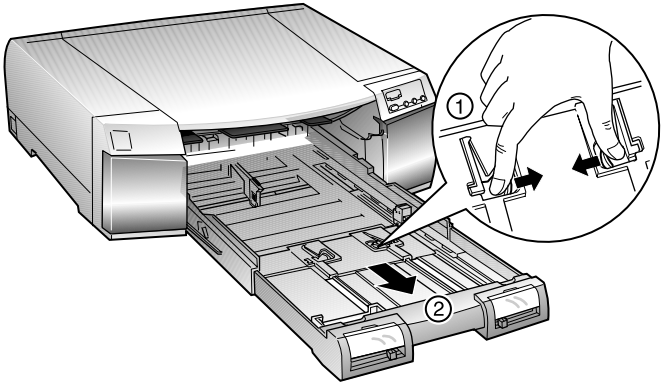
Note

If you use paper longer than letter size in the lower tray, pull out the tray and cover extensions of the upper paper tray, so your printouts will be supported when they come out of the printer.

Using the Front Manual Feed Slot

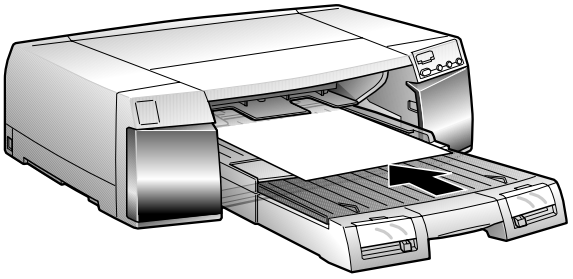
You can load **one** sheet at a time, with the printable side face-down.

1. Make sure the printer is turned on.
2. If you're using paper longer than legal size, remove the paper tray cover, then pull out the paper tray extension.



3. Pull out the cover extension and place the cover back on the paper tray.

4. Align the right edge of the paper with the right edge guide and insert the paper in the slot until it meets resistance.



The printer automatically feeds the paper, and it starts printing when it receives a print job.

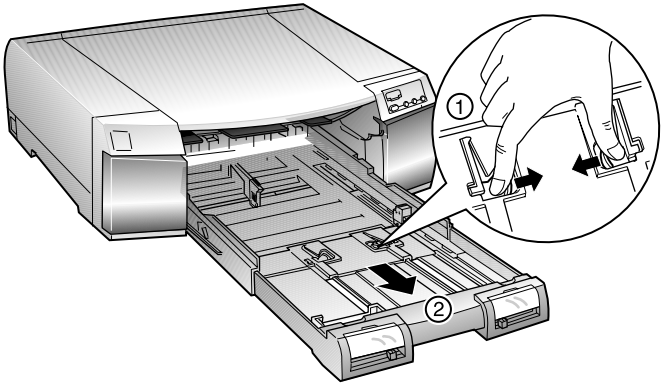
If the sheet doesn't eject completely, press the Eject/Continue button.

Using the Rear Manual Feed Slot

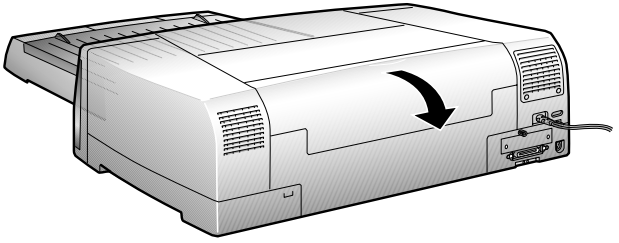
Use this slot when you need a straight-through paper path. You can feed papers of all sizes and weights (up to 44 inches long and up to 200 lb) through the rear manual slot, **one** sheet at a time, printable side face-up.

1. Make sure the printer is turned on.

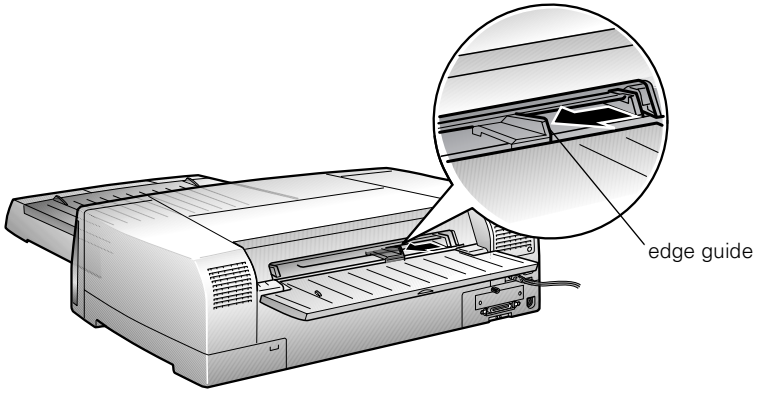
2. If you're using paper longer than legal size, remove the paper tray cover, then pull out the paper tray extension.



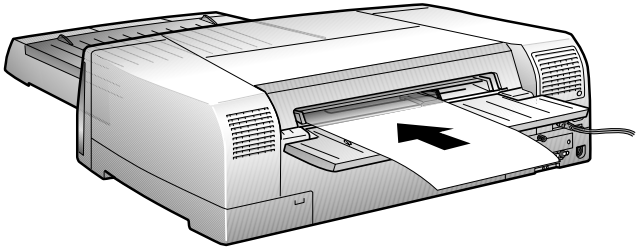
3. Pull out the cover extension and place the cover back on the paper tray.
4. Open the rear manual slot cover.



5. Slide the edge guide to match your paper size.



6. Align the right edge of the paper with the edge guide and insert the paper in the slot, printable side up, until it meets resistance.



Note

If you're using long or heavy paper, you may need to hold the sheet until the printer starts to feed it.

The printer automatically feeds the paper, and it starts printing when it receives a print job. If the sheet doesn't eject completely, press the Eject/Continue button.

Selecting EPSON Paper

You can use many types of coated, glossy, and other papers with your EPSON Stylus Pro 5500. EPSON media, which is specially formulated for the inks used in your printer, ensure high-quality results.

The following table lists the product codes for the available sizes of EPSON paper. The name on the paper package may be different from the name shown in this table; use the product code to identify the paper.

Product codes for EPSON papers

Available sizes	Archival Matte Paper	Premium Glossy Photo Paper	Professional Glossy Paper	Watercolor Paper - Radiant White	Premium Luster Paper
Letter	S041341	S041286	S041456	—	S041405
A3 (297 × 420 mm)	S041343	S041288	—	—	S041406
Super A3/B (13 × 19 in.)	S041339	S041289	—	S041351	S041407
8.3 in. × 32 ft roll (cut to lengths up to 44 inches)	—	S041376	—	—	S041408
13 in. × 32 ft roll (cut to lengths up to 44 inches)	—	S041378	—	—	S041409

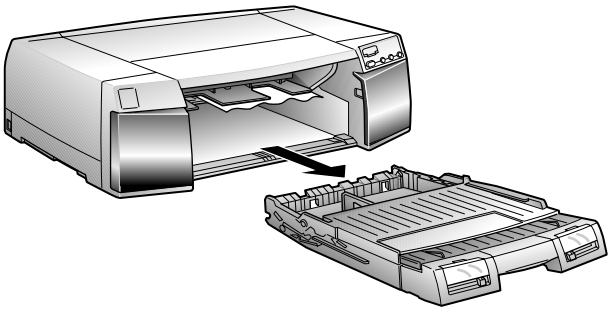
EPSON also provides other specialty media for ink jet printers. For more information, call EPSON at (800) 873-7766 or visit the EPSON Store at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 873-7766 for dealer referral.

Clearing Paper Jams

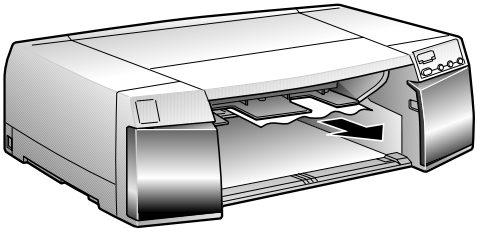
If the Paper Out light and all three paper lights on the printer's control panel are flashing, you have a paper jam. Follow as many of the steps below as necessary to clear the paper path.

Never reach into the printer when it is turned on. Remove paper carefully to avoid damaging any of the cables.

1. Turn off the printer.
2. Remove the upper paper tray and check for jammed paper.



3. Gently pull out the jammed paper.

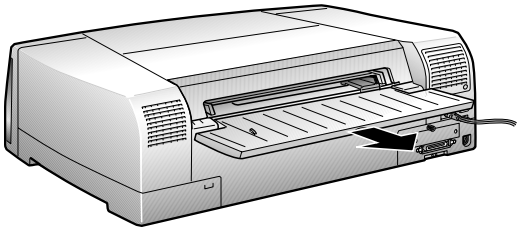


   If it comes out, replace the paper tray, turn the printer back on, and press the Eject/Continue button to make sure paper is feeding properly.

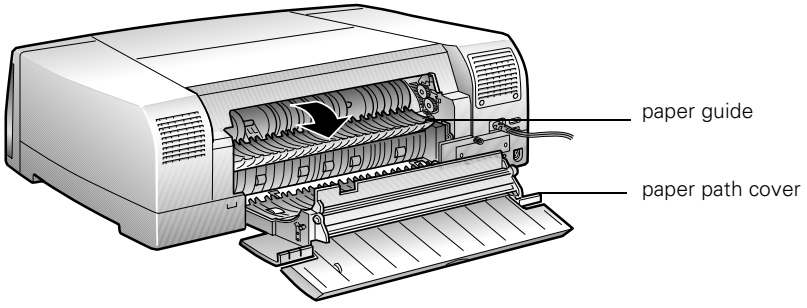
   If you can't get the jammed paper out, turn off the printer and continue following these steps.

4. If your printer has the lower paper cassette installed, remove the lower paper tray and check the inside of the paper cassette for jammed paper.

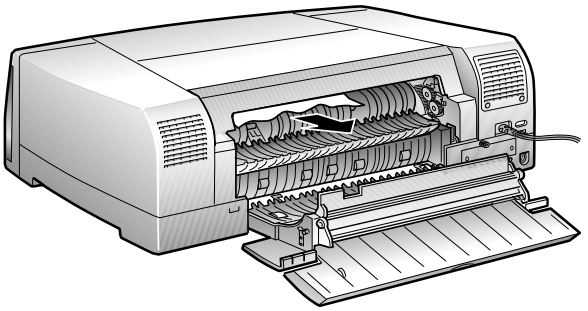
5. Open the rear manual feed cover.



6. Pull on the manual feed cover to open the paper path cover, and if necessary, open the paper guide inside.



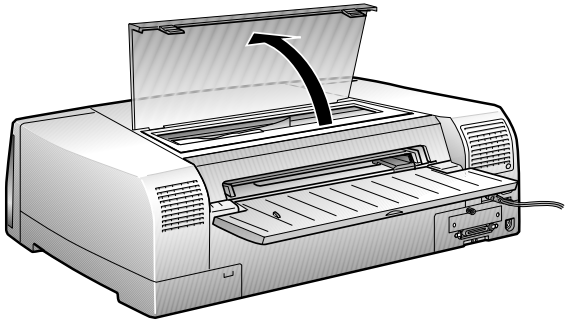
7. Gently pull out the jammed paper.



If the jammed paper comes out, close the paper path cover, replace the paper tray, turn the printer back on, and press the Eject/Continue button to make sure paper is feeding properly.

If you can't get the jammed paper out, turn off the printer and follow the next step.

8. Open the printer cover. Gently pull out the jammed paper.



9. Replace the paper trays, close the covers, and turn the printer back on. Then press the Eject/Continue button to make sure paper is feeding properly.

Chapter 3: Printing with EPSON Drivers for Macintosh

The EPSON Stylus Pro 5500 comes with drivers that let you use the printer in non-PostScript mode and utilities that allow you to manage background printing jobs. ICC profiles for ColorSync® 3.0 are included, so you can use the advanced color management features of your applications or the driver itself.

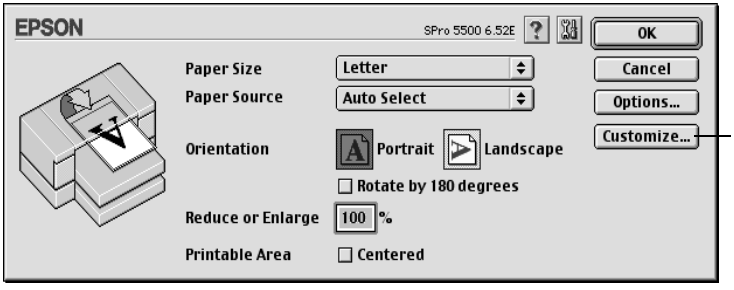
This chapter covers the following information:

- Choosing page setup options
- Choosing basic print options
- Choosing advanced print options
- Managing print jobs

Choosing Page Setup Options

Follow these steps to choose Page Setup options for your print job:

1. Start an application, open a document, and choose Page Setup from the File menu. You see the page setup dialog box:



click if your paper size is not listed

2. From the Paper Size list, select the size of your paper. (For paper size equivalents in inches, see page A-1).

   If your size is not listed, click the Customize button. Then enter the size in hundredths of an inch (or centimeters).

Note

If you need more information about print options, you can click the ? button on any dialog box.

3. Select the way you want the printer to load paper from the Paper Source list.
   - Auto Select
     Lets the printer select which paper tray to load from.
   - Paper Tray
     Loads paper only from the main paper tray.
   - Paper Tray (Lower) (only appears if installed)
     Loads paper only from the lower paper tray.
   - Manual Feed (only appears if paper is loaded in a manual feed slot)
     Loads paper only from the manual feed slot containing paper.
4. Make the settings you want for Orientation, Rotate by 180 degrees, Reduce or Enlarge, and Printable Area.
5. After making your settings, click OK.

Choosing Basic Print Options

Note

If you need more information about print options, you can click the ? button on any dialog box.

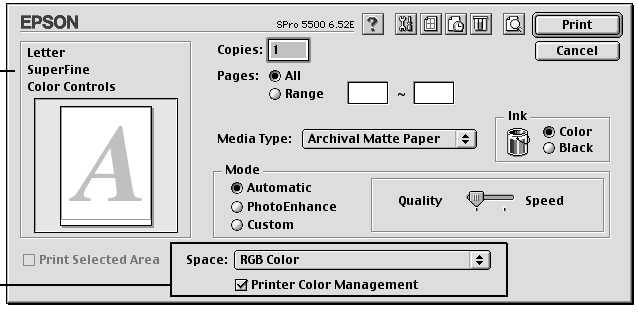
Once you have selected your Page Setup options, you need to select your printing options. The EPSON driver offers automatic settings that optimize print quality and speed when you're using EPSON media. You can also choose advanced settings for more control over your printer and color management options, as described on page 3-5.

Follow these steps to make basic settings for automatic printer adjustments:

1. Choose Print from the File menu of your application. A dialog box like the following appears:

this box shows you the current settings, but you can't change them from here

these settings appear if you're using Photoshop® 5; see page 3-3 for more information



2. Choose the number of Copies and indicate which Pages you want to print.

3. Select a Media Type setting appropriate for the media you're printing on, as listed in "Selecting the Correct Media Type" on page 3-4.

4. Select Color or Black ink.

5. Set the Mode option as follows:

   - Click Automatic to have the printer driver analyze the contents of your image or file and make the appropriate printing adjustments. If a Quality/Speed slider appears in the Mode box, set it according to the priorities of your print job. (Depending on the Media Type setting, this slider may not appear.)
   - Click PhotoEnhance to choose from a number of settings designed for low-resolution photographs: Standard, People, Nature, Soft Focus, and Sepia. You can also select Digital Camera Correction to correct noise and other flaws common to digital camera images.
   - Click Custom, then choose one of the print job types from the custom settings list, as described below.

You can also create your own settings and add them to this list. See page 3-7 for more information.

Custom print job settings

Setting	Usage
Advanced Photo	Prevents the misprinting of ink dots that may occur because of the movement of the print head and paper. Available only with certain media types.
Text/Graph	Intensifies colors and lightens the midtones and highlights. Best for print jobs with non-photographic images.
ColorSync	Adjusts colors based on your printer's ICC profile, using the perceptual rendering intent. To change the Rendering Intent setting, see "Choosing Advanced Print Options" on page 3-5.

6. If you're using Photoshop 5.0 or later, you'll see settings for Space and Printer Color Management in your dialog box.

   For standard RGB images, use RGB Color for the Space setting. Make sure Printer Color Management is checked if you're using ColorSync (otherwise, this setting doesn't matter).

Note

For a description of the available settings, click the ? help button.

7. Choose from the following buttons to access additional features:
   - Click to access the printer monitoring and maintenance utilities. See page 3-8 or Chapter 6 for more information.
   - Click if you want to reduce or enlarge your image, print a watermark, select a multiple page option, or use the Collate or Reverse Page Order settings.
   - Click to turn on background printing. This lets you work on your Macintosh while you're printing and use the Monitor3 utility. See page 3-8 for more information.
   - Click to check your ink levels.
   - Click and then click the Preview button to see a preview of your printed image.
8. When you're finished choosing print options, click Print.

Selecting the Correct Media Type

The following table lists the settings designed to produce the best prints on EPSON media:

Note

Check the EPSON web site (http://prographics.epson.com) or your authorized EPSON dealer for new papers and other media that may be available. Some media may not be available in your location.

Product name	Media Type setting
Archival Matte Paper	Archival Matte Paper
Premium Glossy Photo Paper	Premium Semigloss Photo Paper
Professional Glossy Paper	Professional Glossy Paper
Watercolor Paper - Radiant White	Watercolor Paper - Radiant White
Premium Luster Photo Paper	Premium Luster Photo Paper
Plain paper	Plain Paper

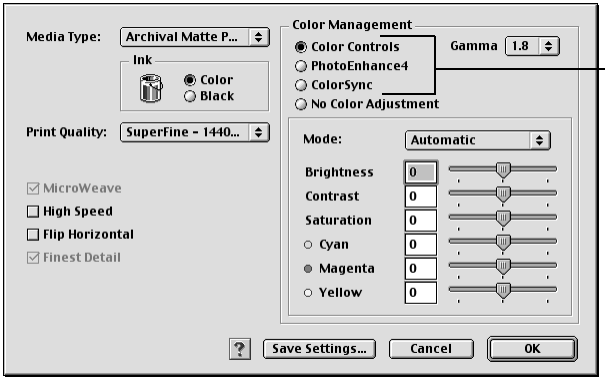
If the paper or other material you're using is not listed in the table, check the instructions included with the paper. If you're using a non-EPSON printing material, choose the closest setting. You may have to experiment with different settings to determine which one is best for the media you're using.

Choosing Advanced Print Options

The advanced print options give you complete control over printing. Use these settings to experiment or to fine-tune a range of options to meet your individual needs. Follow these steps to print with advanced settings:

1. Follow steps 1 through 4 beginning on page 3-2.

2. Click Custom, then click the Advanced button that appears on the screen. You see this dialog box:



each of these configurations gives you different options on the lower part of the screen

3. If necessary, you can change your Media Type and Ink settings.

4. Choose one of the following Print Quality settings (these are limited by the Media Type setting):

   - Economy
     To save ink
   - Fine - 720dpi
     For drafts and everyday printing
   - Superfine - 1440dpi
     For high-quality charts and graphs
   - Photo - 1440dpi
     For high-quality photos
   - Photo - 2880dpi
     For the highest quality photos

   Choose lower quality for faster printing or Photo - 2880dpi for best quality.

5. Choose any of the following:

   - MicroWeave
     This setting eliminates unwanted banding effects and is automatically selected for all media types.
   - High Speed
     For fast, bidirectional printing. If vertical lines in your printout are misaligned when you use the High Speed setting, you may need to turn it off or align the print head (as described on page 6-7).
   - Flip Horizontal
     For printing a mirror image of your file.
   - Finest Detail
     This setting prints text, solid graphics, and line art with the sharpest edges. It is automatically selected for all media types except Plain Paper at the Fine - 720dpi or Economy Print Quality setting.

6. Choose one of the following Color Management configurations:

   - Color Controls
     Lets you specify individual values for adjusting brightness, contrast, saturation, and CMY inks, or choose from the three Color Adjustment modes. You can also choose from three Gamma settings, which control image contrast by modifying the midtones and midlevel grays. For descriptions of the available settings, see the table on page 3-7.
   - PhotoEnhance4
     Lets you see a sample image that reflects the photographic tone and special effect settings you choose. See the table on page 3-7 for a description of the available settings.
   - ColorSync
     Lets you select from three Rendering Intent settings for mapping colors to your printer's Epson Standard profile, created specifically for your printer. Don't select any other printer profile you may have on your system. See page 3-8 for a list of the available settings.
   - No Color Adjustment
     Disables color management in the printer driver. Choose this mode if you want to use a standalone color management module.

Color Controls are most effective with RGB files.

7. Click Save Settings if you want to have your advanced settings available for reuse. Then type a name for the group of settings and click Save. The name is added to your list of custom settings.

8. When you're finished setting advanced printer options, click OK.

Color Management Settings

Notice: Output Viewing Conditions

Due to the nature of all pigment inks, lighting conditions can affect the appearance of printer output. For example, a print viewed under daylight may appear to have a slightly different color balance when viewed under tungsten lighting. Care should be taken that the prints are produced for the lighting conditions in which they will be displayed.

The EPSON printer driver was designed to represent color accurately when prints are illuminated with a D50 (daylight) light source. For optimum results, understand your output display conditions before printing.

The following tables list the color management settings available when you choose either Color Controls, PhotoEnhance4, or ColorSync.

Color control modes and Gamma settings

Automatic	Analyzes the color information in your image and optimizes color correction accordingly.
Photo-realistic	Produces sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness. Corrects for overall under- or over-exposure of the original image.
Vivid	Intensifies colors and lightens the midtones and highlights. Best for print jobs with non-photographic images.
1.5 Gamma	Produces the same contrast values as earlier EPSON ink jet printers.
1.8 Gamma	Increases contrast.
2.2 Gamma	Matches image colors with sRGB devices.

PhotoEnhance4 settings

Tone	Lets you choose from Normal for standard tone correction, Hard for high contrast, Vivid for more intense colors (as defined above), Sepia, and Monochrome.
Effect	Lets you choose from four special effects (and set the intensity using the Low/High slider): Sharpness, Soft Focus, Canvas, and Parchment.
Digital Camera Correction	Corrects noise and other flaws common to digital camera images.

ColorSync Rendering Intent settings

Perceptual	For photographic images. Maintains the relationship between colors as it scales them to fit within your printer's color gamut.
Saturation	For charts and business graphics. Maintains the relative saturation of colors from one gamut to another.
Colorimetric	For projects with known colors, such as labels and packaging. Maintains colors that fall within the gamut of both your monitor and printer.

Managing Print Jobs

Your printer comes with several utilities that let you check on your print jobs and schedule, cancel, pause, or restart them. First you need to set up background printing, so you can continue to work on your Macintosh while a file is being printed. Note that background printing is slower and may also slow down your system.

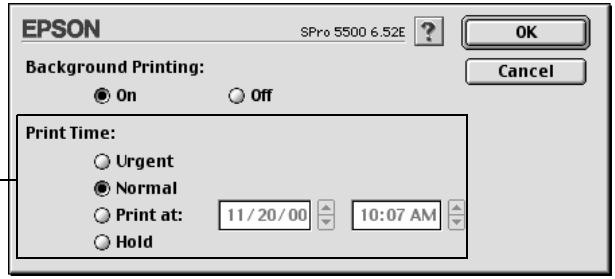
Setting Up Background Printing

Note

If you experience problems, you may not be able to use background printing.

You may have set up background printing in the Chooser when you installed your printer software. If not, or you can use the background printing button on the Print dialog box to set it up. Follow these steps:

1. Start an application, open a document, and choose Print from the File menu.
2. Click the background printing button. You see this dialog box:



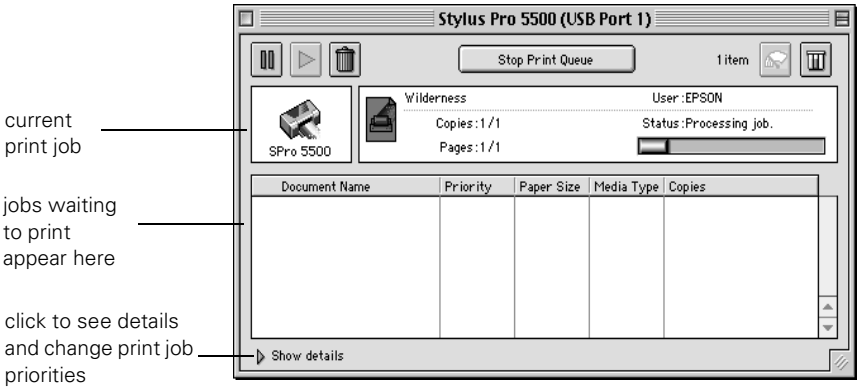
3. To turn background printing on, click the On button.

4. To select a priority for your print job in the queue of jobs waiting to print, click one of the following:
   - Urgent to print before any Normal priority job
   - Normal to print in the order the job is received
   - Print at: to print at the specific time you enter in the day and time in the fields to the right
   - Hold to hold the print job in the print queue until you're ready to release it using Monitor3; see the following section for details.
5. Click OK to save your settings and return to the printing dialog box.
6. Click Print to print your document. If you selected Print at: or Hold, your document is spooled, but held in the print queue until the specified print time or until you release it using Monitor3, as described in the next section.

Using Monitor3

The Monitor3 utility lets you prioritize and control your print jobs as well as monitoring their progress.

After you send a print job, click the current application icon at the right end of the menu bar and select EPSON Monitor3. You see a window like this:



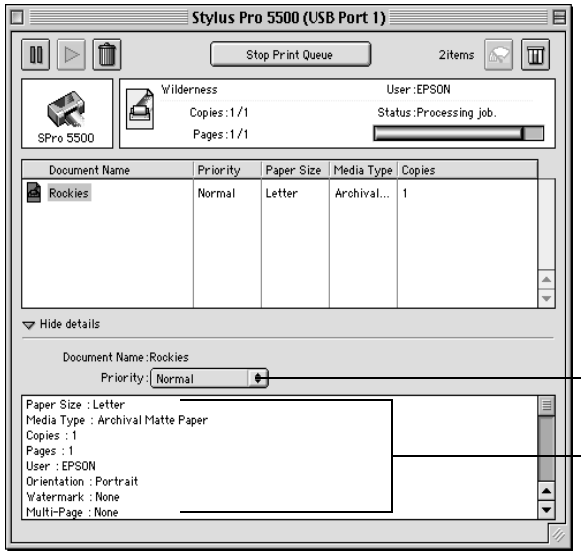
If necessary, click a print job, then click to delete the job, to restart the job, or to pause the job.

You can also double-click a file in the list to preview it, or double-click Copies to change the number of copies to be printed.

If you want to view details on a print job, click the job, then click the Show details arrow. The Priority list becomes active in case you want to change the print job priority, as described in the previous section.

Note

If you see a stop sign icon and the message **Print queue on hold** in the EPSON Monitor3 dialog box, click the **Start print queue** button to release the queue and resume printing.



You can also click to check your ink levels or click to clean the print head. See page 6-1 for more information about the cleaning utility.

Cancelling Printing

If you need to cancel a print job in progress, follow these steps:

1. Press the Operate button to turn off the printer.
2. Do one of the following, depending on whether you're using background printing:
   - If background printing is turned off, hold down the ⌘ key on your keyboard and press the (.) period key to cancel the print job.
   - If background printing is turned on, select EPSON Monitor3 from the application menu and click Stop Print Queue.

Chapter 4: Printing with EPSON Drivers for Windows

The EPSON Stylus Pro 5500 comes with drivers and utilities that let you print and manage print jobs in non-PostScript mode without a RIP. ICC profiles are included, so you can use advanced color management features of your applications or the driver itself.

This chapter includes the following information:

- Choosing basic print options
- Choosing paper and layout options
- Choosing advanced print options
- Managing print jobs

Choosing Basic Print Options

Before you print, you need to set basic printing properties. The EPSON driver offers automatic settings that optimize print quality and speed when you're using EPSON media. You can also choose advanced settings for more control over your printer and color management options. See page 4-5 for instructions on advanced settings.

Follow these steps to make basic settings:

1. Start an application, open a document, and choose Print from the File menu. You see the Print dialog box.

2. Make sure your EPSON Stylus Pro 5500 printer is selected, and then click the Properties button. (If you see a Setup, Printer, or Options button, click it instead. Then click Properties on the next window.)

Note

If you need more information about print options, you can click the Help button on any dialog box.

A dialog box like the following appears:

this box shows you the current settings, but you can't change them from here

3. Select a Media Type setting appropriate for the media you're printing on, as listed in "Selecting the Correct Media Type" on page 4-3.

4. Select Color or Black ink.

5. Set the Mode option as follows:

   - Click Automatic to have the printer driver analyze the contents of your image or file and make the appropriate printing adjustments. If a Quality/Speed slider appears in the Mode box, set it according to the priorities of your print job. (Depending on the Media Type setting, this slider may not appear.)

   - Click PhotoEnhance to choose from a number of settings designed for low-resolution photographs: Standard, People, Nature, Soft Focus, and Sepia. You can also select Digital Camera Correction to correct noise and other flaws common to digital camera images.

Note

You can also create your own settings and add them to this list. See page 4-8 for more information.

- Click Custom and then choose one of the print job types from the custom settings list, as described below:

Setting	Usage
Advanced Photo	Prevents the misprinting of ink dots that may occur because of the movement of the print head and paper. Available only with certain media types.
Text/Graph	Intensifies colors and lightens the midtones and highlights. Best for print jobs with non-photographic images.
ICM	Adjusts colors based on your printer's ICC profile, using the Image Color Matching system (effective in Windows 98/Me/2000 only). If you're using an ICM-compatible monitor, adjusts printed colors to closely match screen colors.
sRGB	Adjusts colors using the small-gamut sRGB (standard red green blue) color space. Best for color matching with other sRGB devices, or for images designed for the Web.

6. When you're finished choosing print options, click the Paper tab and follow the instructions on page 4-4 to choose paper and layout options.

Selecting the Correct Media Type

The following table lists the settings designed to produce the best prints on EPSON media:

Note

Check the EPSON web site (http://prographics.epson.com) or your authorized EPSON dealer for new papers that may be available. Some media may not be available in your location.

Product name	Media Type setting
Archival Matte Paper	Archival Matte Paper
Premium Glossy Photo Paper	Premium Semigloss Photo Paper
Professional Glossy Paper	Professional Glossy Paper
Watercolor Paper - Radiant White	Watercolor Paper - Radiant White
Premium Luster Photo Paper	Premium Luster Photo Paper
Plain paper	Plain Paper

If the paper you're using is not listed in the table, check the instructions included with the paper. If you're using a non-EPSON paper, choose the closest setting. You may have to experiment with different settings to determine which one is best for the paper you're using.

Note

Many application settings override the printer's Paper options. Always verify settings to get the results you expect.

Choosing Paper and Layout Options

Follow these steps to choose paper and layout options for your print job:

1. On the Properties dialog box, click the Paper tab. You see this window:

2. Select the way you want the printer to load paper from the Paper Source list.

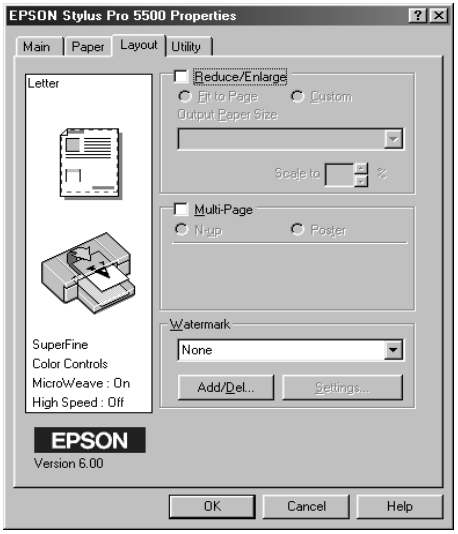
   - Auto Select
     Lets the printer select which paper tray to load from.
   - Paper Tray
     Loads paper only from the main paper tray.
   - Paper Tray (Lower) (appears only if the cassette is installed)
     Loads paper only from the lower paper tray.
   - Manual Feed (appears only if paper is loaded in a manual feed slot)
     Loads paper only from the manual feed slot containing paper.

3. From the Paper Size list, select the size of your paper. (For paper size equivalents in inches, see page A-1.)

If your size is not listed, select User Defined. Then enter the size in hundredths of an inch (or centimeters).

4. Make the settings you want for Copies, Orientation, and Printable Area.

5. If you want to reduce or enlarge your image, select a multiple paper option, or print a watermark, click the Layout tab. You see this window:



6. Choose the appropriate settings, then click OK.

Note

For descriptions of the available settings, click the Help button.

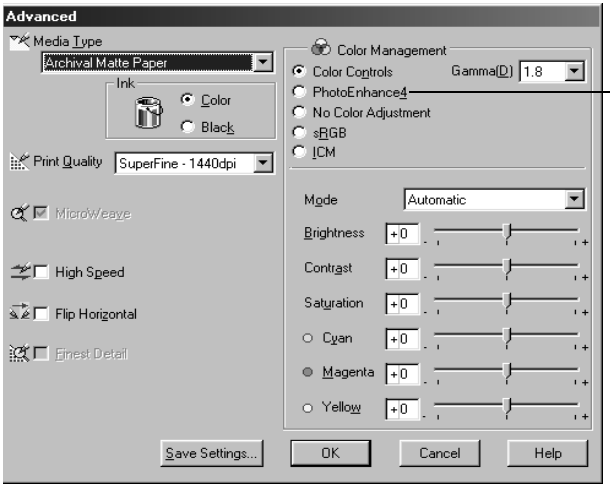
Choosing Advanced Print Options

The advanced print options give you complete control over your printing environment. Use these settings to experiment or to fine-tune a range of options to meet your individual needs. Follow these steps to print with advanced settings:

1. Follow steps 1 through 4 on pages 4-1 to 4-2 to select your basic print settings.

2. Click Custom, then click the Advanced button that appears on the screen.

You see a dialog box like the following:



when you choose PhotoEnhance4, you see a different set of options on the lower part of the screen

3. If necessary, you can change your Media Type and Ink settings.

4. Choose one of the following Print Quality settings (these are limited by the Media Type setting):

   - Economy
     To save ink
   - Fine - 720dpi
     For drafts and everyday printing
   - Superfine - 1440dpi
     For high-quality charts and graphs
   - Photo - 1440dpi
     For high-quality photos
   - Photo - 2880dpi
     For the highest quality photos

   Choose lower quality for faster printing or Photo - 2880dpi for best quality.

5. Choose any of the following:

   - MicroWeave
     This setting eliminates unwanted banding effects and is automatically selected for all media types.
   - High Speed
     For fast, bidirectional printing. If vertical lines in your printout are misaligned when you use the High Speed setting, you may need to turn it off or align the print head (as described on page 6-7).
   - Flip Horizontal
     For printing a mirror image of your file.

Color Controls are most effective with RGB files.

6. Choose one of the following Color Management configurations:

   - Color Controls
     Lets you specify individual values for adjusting brightness, contrast, saturation, and CMY inks, or choose from the three Color Adjustment modes. You can also choose from three Gamma settings, which control image contrast by modifying the midtones and midlevel grays. For descriptions of the available settings, see the table on page 4-8.
   - PhotoEnhance4
     Lets you see a sample image that reflects the photographic tone and special effect settings you choose. See the table on page 4-8 for a description of the available settings.
   - No Color Adjustment
     Disables color management in the printer driver. Choose this mode if you want to use a standalone color management module.
   - sRGB
     Adjusts colors using the small-gamut sRGB (standard red green blue) color space. Best for color matching with other sRGB devices, or for images designed for the Web.
   - ICM
     Adjusts colors based on your printer's ICC profile, using the Image Color Matching system (effective in Windows 98/Me/2000 only). If you're using an ICM-compatible monitor, adjusts printed colors to closely match screen colors.

7. Click Save Settings if you want to have your advanced settings available for reuse. Then type a name for the group of settings and click Save. The name is added to your list of custom settings.

8. When you're finished setting advanced printer options, click OK.

Color Management Settings

Notice: Output Viewing Conditions

Due to the nature of all pigment inks, lighting conditions can affect the appearance of printer output. For example, a print viewed under daylight may appear to have a slightly different color balance when viewed under tungsten lighting. Care should be taken that the prints are produced for the lighting conditions in which they will be displayed.

The EPSON printer driver was designed to represent color accurately when prints are illuminated with a D50 (daylight) light source. For optimum results, understand your output display conditions before printing.

The following tables list the color management settings available when you choose either Color Controls or PhotoEnhance4.

Color control modes and Gamma settings

Automatic	Analyzes the color information in your image and optimizes color correction accordingly.
Photo-realistic	Produces sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness. Corrects for overall under- or over-exposure of the original image.
Vivid	Intensifies colors and lightens the midtones and highlights. Best for print jobs with non-photographic images.
1.5 Gamma	Produces the same contrast values as earlier EPSON ink jet printers.
1.8 Gamma	Increases contrast.
2.2 Gamma	Matches image colors with sRGB devices.

PhotoEnhance4 settings

Tone	Lets you choose from Normal for standard tone correction, Hard for high contrast, Vivid for more intense colors (as defined above), Sepia, Monochrome, and None (no tone adjustment).
Effect	Lets you choose from four special effects (and set the intensity using the Low/High slider): Sharpness, Soft Focus, Canvas, Parchment, and None.
Digital Camera Correction	Corrects noise and other flaws common to digital camera images.

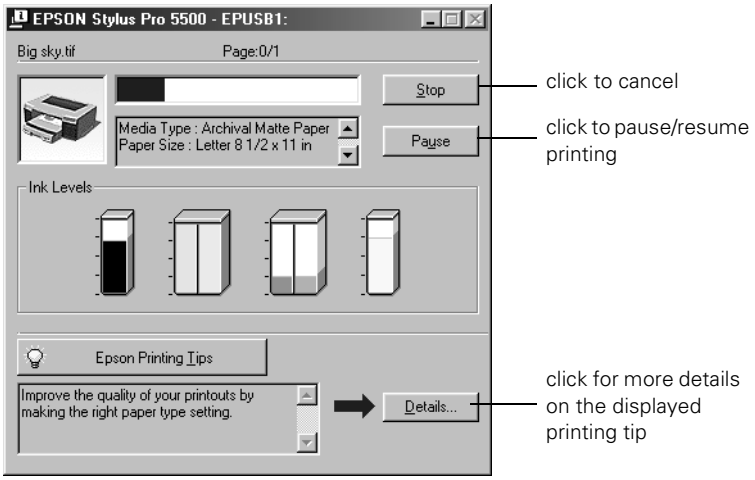
Managing Print Jobs

Your printer comes with several utilities that let you check on your print jobs and schedule, cancel, pause, or restart them. The Progress Meter opens each time you send a print job. The Spool Manager (not available with Windows NT) appears on the taskbar when you print.

Status Monitor 3, which also appears on the taskbar, also lets you check the printer's status and monitor print jobs. See page 5-5 for information about Status Monitor 3.

Using the Progress Meter

After you send a print job, the progress meter window appears on your screen:



You can use the buttons to cancel, pause, or restart your print job. You also see the approximate amount of ink remaining in each cartridge and view various printing tips.

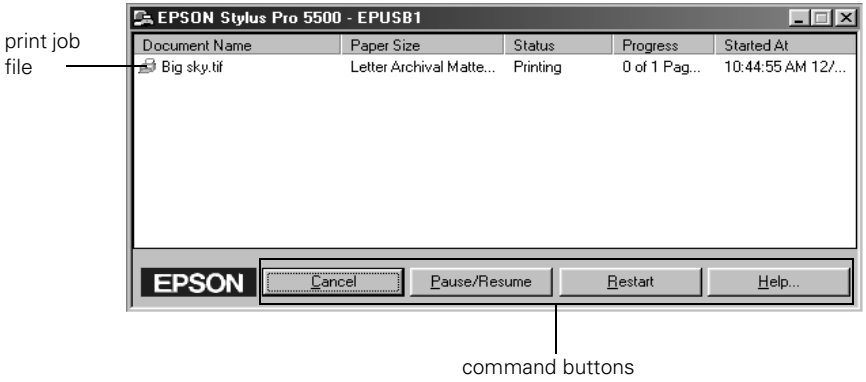
If you don't want the progress meter to appear, you can turn it off. See page 5-7 for instructions.

Using the Spool Manager

The Spool Manager (not available with Windows NT) displays the status of your print job files and lets you control them.

To open spool manager while you're printing, click the EPSON Stylus Pro 5500 icon that appears on the taskbar at the bottom of the screen.

You see the Spool Manager window:



To cancel, pause, resume, or restart a print job, click the job to highlight it; then click the corresponding command button on the bottom of the window.

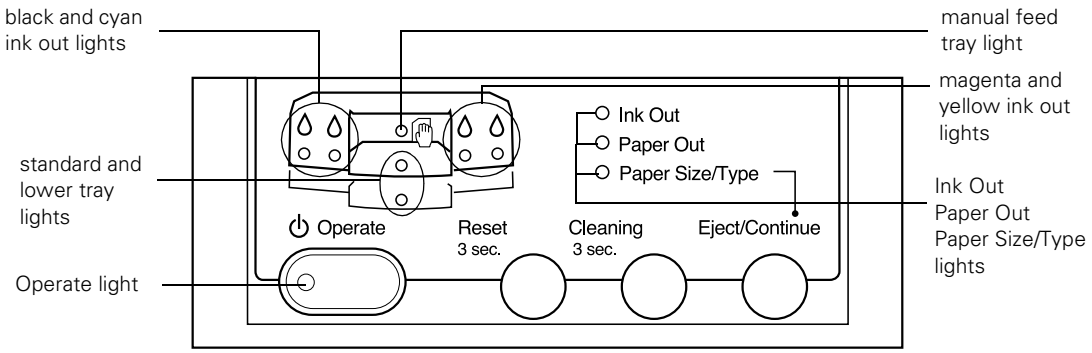
Chapter 5: Monitoring the Printer

The EPSON Stylus Pro 5500 includes a number of utilities for monitoring the printer's status. The printer's control panel lights alert you when a problem occurs or your consumables run out. Status monitoring software utilities for both Macintosh and Windows systems are included with the EPSON drivers. These report printer status on your computer screen.

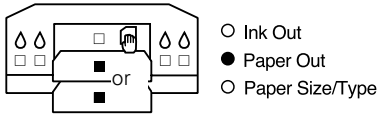
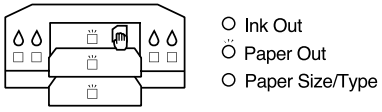
This chapter covers the following information:

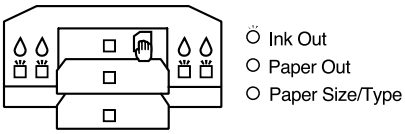
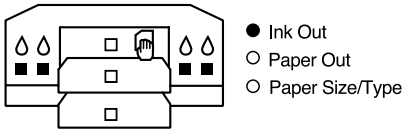
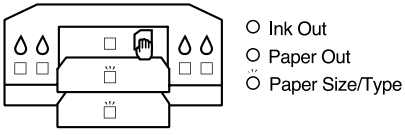
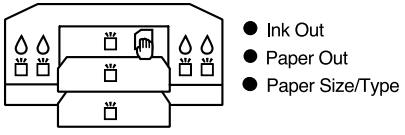
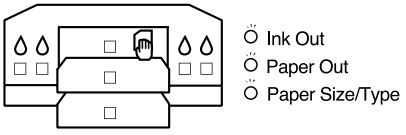
- Responding to the control panel lights
- Checking printer status from a Macintosh
- Checking printer status from Windows

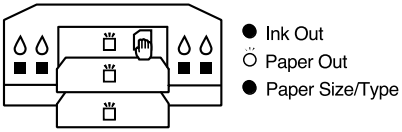
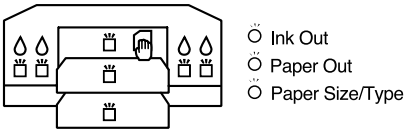
Responding to the Control Panel Lights



When the control panel lights come on or flash, you need to replace consumables or solve a problem, as described in the following table:

Control panel lights	Problem	Response
Paper Out light on and standard or optional lower paper tray light on 	Paper out or incorrectly loaded	Load paper, or make sure paper is loaded correctly, in the corresponding tray.
	Paper tray not installed	Make sure the indicated tray is installed correctly.
Paper Out light flashing and all paper tray lights flashing 	Paper jam	Turn off the printer and remove the jammed paper. See page 2-10.
	Paper path cover is open	Close the paper path cover. See page 2-10.

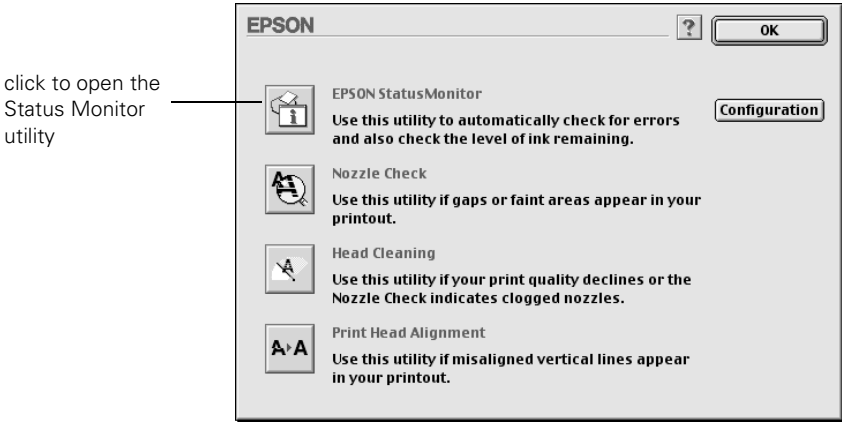
Control panel lights	Problem	Response
Ink Out light flashing and one or more ◊ ink out lights flashing 	Corresponding ink cartridge nearly empty	Obtain a replacement ink cartridge. See page 6-5.
Ink Out light on and one or more ◊ ink out lights on 	Corresponding ink cartridge empty or not installed	Replace the ink cartridge (or make sure it's installed correctly). See page 6-5.
Paper Size/Type light flashing and one or both paper tray lights flashing 	Paper Size and/or Media Type setting doesn't match lever settings	Make sure the Paper Size and Media Type settings in your printer software match the lever settings on the paper tray. (Press the **Eject/Continue** button to force print.)
Ink Out, **Paper Out**, and **Paper Size/Type** lights on and all paper tray and ◊ ink out lights flashing 	Print head is too hot	Turn off the printer, wait a few moments, then turn it back on. Run a nozzle check and, if necessary, clean the print head, as described on page 6-4.
Ink Out, **Paper Out,** and **Paper Size/Type** lights flashing, but the paper tray and ◊ ink out lights are off 	Maintenance will be required soon	Turn off the printer and contact EPSON as described in the Introduction.

Control panel lights	Problem	Response
Paper Out and ⏻ **Operate** lights flashing, **Ink Out** and **Paper Size/Type** light on, all paper tray lights flash, and ◊ ink out lights are on  	Maintenance required now	Turn off the printer and contact EPSON as described in the Introduction.
All control panel lights flashing  	Unknown error	Turn off the printer and remove any foreign objects or paper that may be obstructing print head movement. Then turn on the printer again. If you still see the error indicators, turn off the printer and contact EPSON as described on page 5.

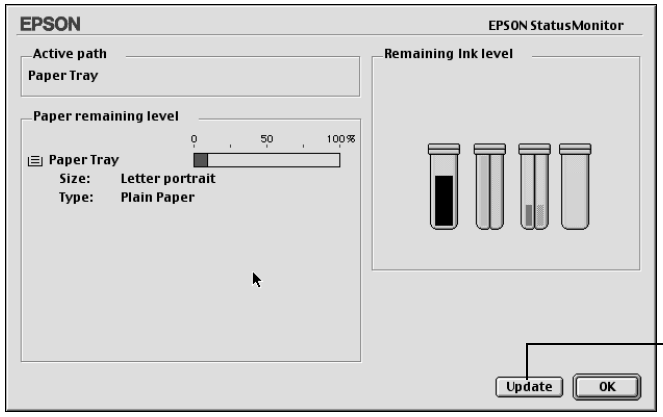
Checking Printer Status from a Macintosh

The Macintosh Status Monitor utility lets you check the printer's ink levels, view paper information, and configure error messages and spooling features.

1. Click the utility button on the Print or Page Setup dialog box. You see the utility menu:



2. Click the EPSON StatusMonitor button. This window opens, showing remaining ink levels and the sizes, types, and quantity of paper in the trays (as indicated by the lever positions and printer sensor):



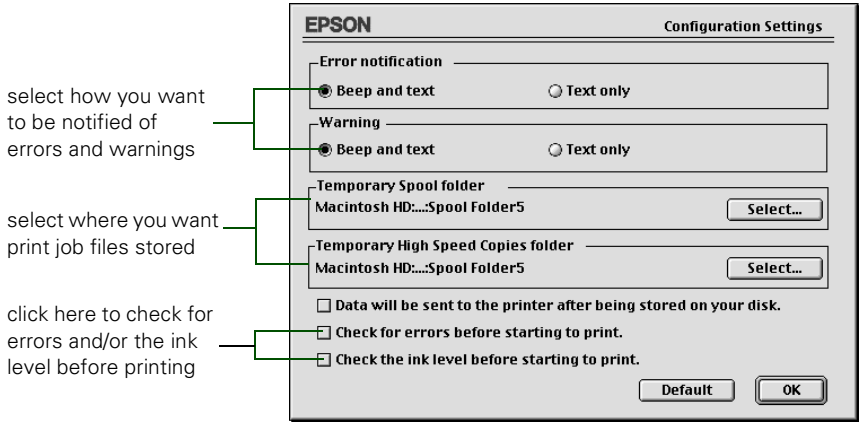
3. To close the Status Monitor, click OK.

Configuring Printer Monitoring

You can configure the way you want the printer to handle error and warning messages, ink level checks, and print file spooling.

1. Click the utility button on the Print or Page Setup dialog box. You see the utility menu.

2. Click the Configuration button. You see this dialog box:



3. Select from the following configuration options:

   - Error notification lets you choose whether error messages beep and display text or just display text.
   - Warning lets you choose whether warning messages beep and display text or display text only.
   - Temporary Spool folder and Temporary High Speed Copies folder display the folders on your hard disk that store the temporary files created when you send a job to the printer. Click the Select button to change the folder from the default folder shown.
   - Data will be sent to the printer after being stored on your disk prevents print head pausing. Normally, graphics are sent in rectangular bands. When you select this option, your Macintosh stores the entire image on its hard drive and then sends it to the printer as a whole (recommended only for older Macintosh computers).
   - The last two check boxes let you choose to have your software check for errors or low ink levels before starting your print job.

4. When you're finished changing your configuration options, click OK to return to the Utility menu.

Warning messages allow printing to continue. Error messages are more serious and cause printing to stop.

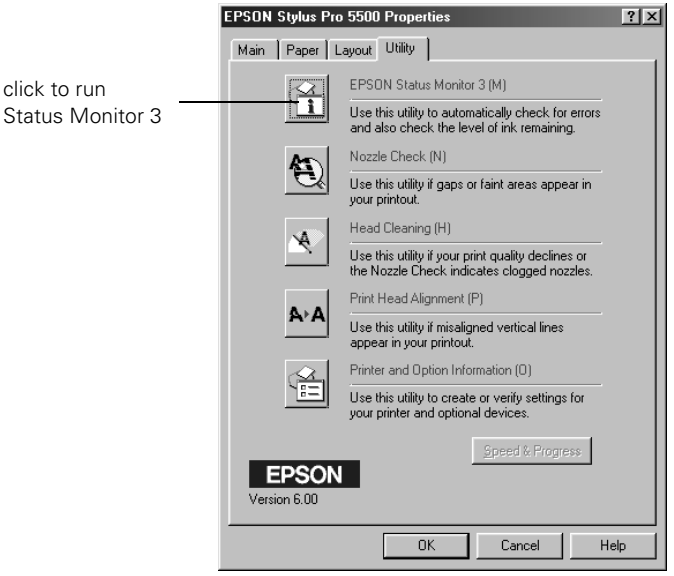
Checking Printer Status from Windows

The Windows Status Monitor 3 utility lets you view levels of remaining ink and paper information, warns you when errors occur, and allows you to control the way printing is monitored. Follow these steps to open the utility:

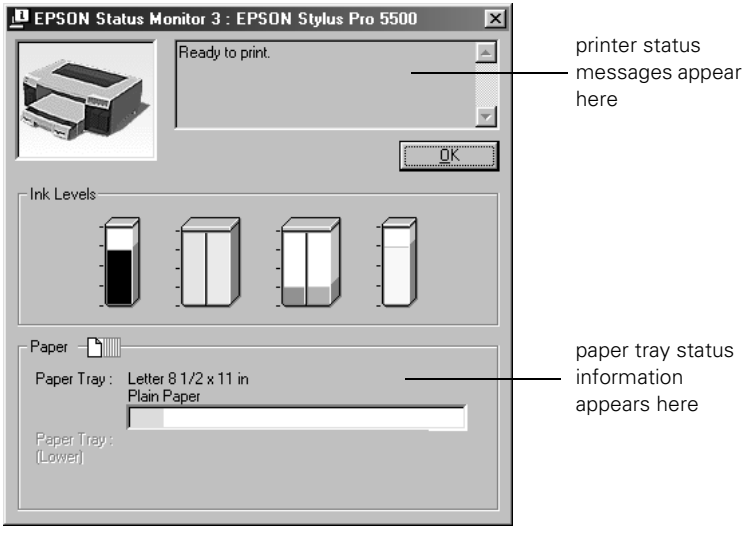
1. Do one of the following:

   - Click Start, point to Settings, then select Printers. Right-click your printer icon and select Properties (Windows 95, 98, or Me), Document Defaults (Windows NT), or Printing Preferences (Windows 2000).
   - From an application, access the printer Properties dialog box as described on page 4-1.

2. Click the **Utility** tab. You see the Utility menu:



3. Click the **EPSON Status Monitor 3** button. The following window appears. (It also opens automatically when an error occurs.)



Note

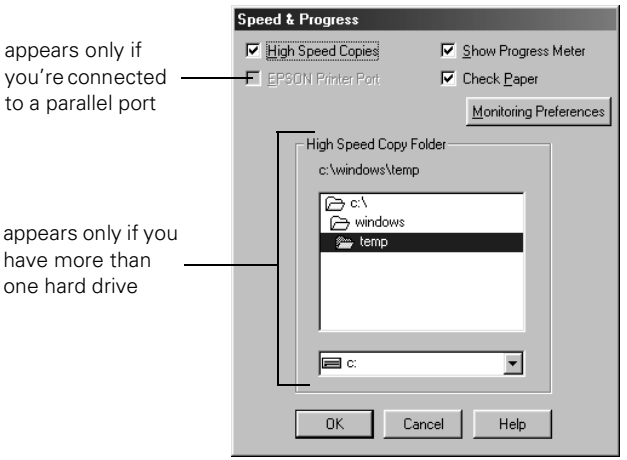
If there's a printing problem, such as low ink or jammed paper, Status Monitor 3 displays a **How To** button that you can click for instructions on solving the problem.

Setting Monitoring Preferences

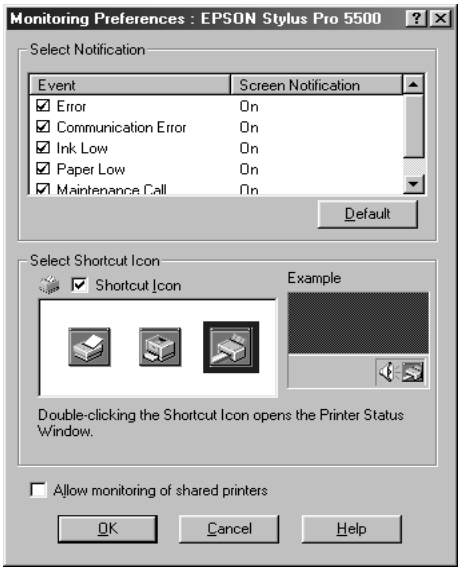
You can have Status Monitor 3 alert you to any error conditions while you're working. This lets you know if one of your cartridges is low on ink or if any other problems occur. Follow these steps to set monitoring preferences:

1. Click **Start**, point to **Settings**, and click **Printers**. Make sure your printer icon appears in the Printers window.
2. Right-click the **Stylus Pro 5500** icon, then click **Properties** (Windows 95, 98, or Me), **Document Defaults** (Windows NT), or **Printing Preferences** (Windows 2000).
3. Click the **Utility** tab. You see the Utility menu.
4. Click the **Speed & Progress** button. You see the Speed & Progress dialog box. (See page 6-11 for more information about the Speed & Progress utility.)

If you want, you can click the **Show Progress Meter** checkbox to disable display of the progress meter during printing.



5. Click the Monitoring Preferences button. You see the Monitoring Preferences window:



6. Select the Notification options you want to use.

7. If you want to have the Status Monitor 3 icon appear in your Windows taskbar, click the Shortcut Icon checkbox. Then select the icon you want to use.

   After you enable the shortcut, you can simply double-click the icon to open the Status Monitor 3 window (shown on page 5-6) or right-click it to display the Monitoring Preferences dialog box.

8. Select Allow monitoring of shared printers if your printer is shared on a network and you want to let other users monitor it.

9. Click OK to save your settings.

Chapter 6: Maintaining and Transporting the Printer

Your EPSON Stylus Pro 5500 requires very little maintenance to keep working at its best. This chapter describes the following routine procedures:

- Running a cleaning cycle
- Running a printer operation check
- Replacing ink cartridges
- Aligning the print head
- Running the Speed & Progress utility (Windows only)
- Cleaning the paper paths
- Cleaning the printer
- Transporting the printer

Running a Cleaning Cycle

When you don't turn on your printer for a long time, the print quality can decline. It's a good idea to turn on your printer at least once a month to maintain good print quality.

If your printed image is unexpectedly light or faint or dots are missing from the image, you may need to run a cleaning cycle. This unclogs the print head nozzles so they can deliver ink properly.

The cleaning cycle uses ink, so you should run it only if print quality declines. You can run a printer check or the Nozzle Check utility to determine if the cleaning cycle has been successful, or if you need to run it again.

There are two ways to run a cleaning cycle:

- Using the Head Cleaning utility in your printer software, as described on page 6-2 (not available if you're accessing the printer over a network)
- Using the printer's control panel buttons, as described on page 6-3

Using the Head Cleaning Utility

Follow these steps to run the Head Cleaning utility:

1. Make sure the printer is turned on but not printing, and the Ink Out light is off. If the Ink Out light is flashing or on, you need to replace the ink cartridge(s)—indicated by the ◊ ink out lights—instead. See page 6-5 for instructions.

2. If you have an application running, access the printer settings dialog box as described on page 3-2 (Macintosh) or page 4-1 (Windows).

   Or, with Windows, click Start, point to Settings, and select Printers. Right-click the EPSON Stylus Pro 5500 printer icon. Then select Properties (Windows 95, 98, or Me), Document Defaults (Windows NT), or Printing Preferences (Windows 2000).

3. **Macintosh:** Click the utility button.

   Windows: Click the Utility tab.

Caution

To avoid damaging the printer, never turn it off while the ⏻ Operate light is flashing—unless the printer hasn't moved or made any noise for more than five minutes.

4. On the Utility menu, click the Head Cleaning button.

5. Follow the instructions on the screen to clean the print head. Cleaning takes about 90 seconds, during which the printer makes some noise and the ⏻ Operate light flashes.

6. When the ⏻ Operate light stops flashing, run a nozzle check to confirm the print head nozzles are clean. Make sure paper is loaded in the printer, then:

   Macintosh: Click Confirmation, then click Next.

   Windows: Click Print nozzle check pattern, then click Print.

   The nozzle check pattern prints (see page 6-3 for details).

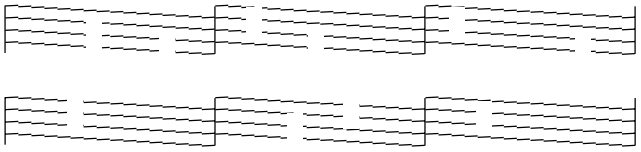
7. If the nozzle check pattern has no gaps in its dots, click Finish.

   If the pattern is missing dots, click Clean to clean the print head again. If you don't see any improvement after cleaning three or four times, check the solutions in "Improving Print Quality" on page 7-1. You can also turn the printer off and wait overnight—this allows any dried ink to soften—and then try cleaning the print head again.

Examining the Nozzle Check Pattern

Examine the nozzle check pattern you print. Each staggered horizontal and straight vertical line should be complete, with no gaps in the dot pattern. If your printout looks okay, you're done.

If any dots are missing (as shown here), clean the print head again; see page 6-2 for instructions.



Cleaning the Print Head Using the Control Panel

Clean the print head using the control panel buttons if you're accessing the printer over a network or not using the EPSON printer driver and utilities. Follow these steps:

1. Make sure the printer is turned on but not printing, and the Ink Out light is off. If the Ink Out light is flashing or on, you need to replace the ink cartridge(s)—indicated by the ◊ ink out lights—instead. See page 6-5 for instructions.

2. Press the Cleaning button and hold it down for three seconds.

   The ⏻ Operate light begins flashing, and the printer ejects any paper in the paper path. The cleaning cycle takes about 90 seconds.

3. After the ⏻ Operate light stops flashing, print a few lines or run a printer check (as described on page 6-4) to confirm that the nozzles are clean.

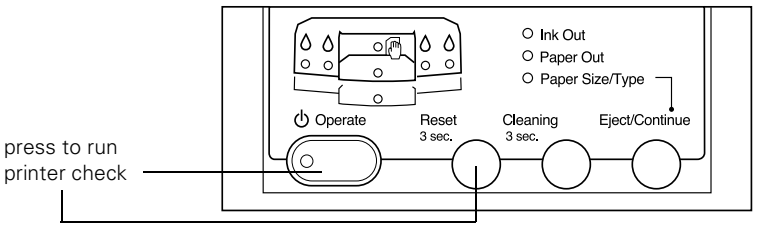
If you don't see any improvement after cleaning three or four times, check the solutions in "Improving Print Quality" on page 7-1. You can also turn the printer off and wait overnight—this allows any dried ink to soften—and then try cleaning the print head again.

To avoid damaging the printer, never turn it off while the ⏻ Operate light is flashing—unless the printer hasn't moved or made any noise for more than five minutes.

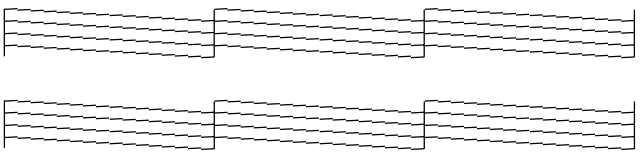
Running a Printer Check

You can use the printer check to make sure that your printer is operating correctly and the print head nozzles are clean.

1. Turn off the printer.
2. Make sure letter-size (or larger) paper is loaded in the main paper tray.
3. Hold down the Reset button and press the ⏻ Operate button to turn on the printer. Release the buttons when the ⏻ Operate light comes on.



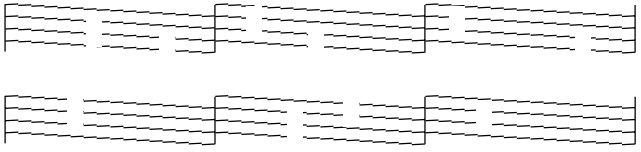
The printer prints one page showing the version of your printer's ROM, a nozzle check pattern, and the printer's default settings, as shown below:



```
================ Current Settings ================
Paper Size/Type Check                        : On
Parallel I/F ECP Mode                        : Off
Platen Gap Adjustment for Manual Feed Slots : Auto
```

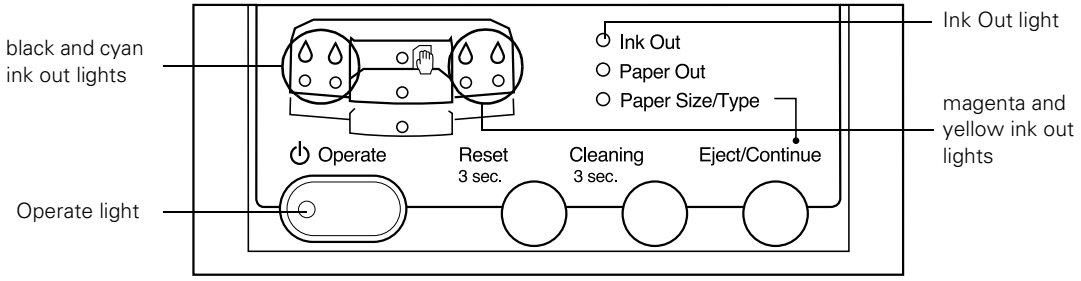
4. Press the ⏻ Operate button to turn off the printer.
5. Check the printout.
   - If the printout looks like the example above, your printer is operating correctly.

- If the pattern has missing segments, as in the following example, your printer may have a clogged ink nozzle. Run a cleaning cycle as described on page 6-1.



- If nothing prints at all, make sure your ink cartridges are correctly installed. Then run a cleaning cycle, as described on page 6-1.

Replacing an Ink Cartridge



Caution

To ensure good results, use genuine EPSON cartridges and do not refill them. Other products may cause damage to your printer not covered by EPSON's warranty.

Always leave the empty cartridge installed in the printer until you are ready to replace it with a new one.

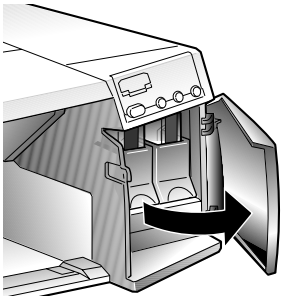
When the Ink Out light on the printer's control panel flashes, the cartridge indicated by the ◊ ink out light is low on ink. This is a good time to make sure you have a replacement cartridge. When the Ink Out light stays on, the cartridge indicated by the ◊ ink out light is empty and you need to replace it.

Use only the following EPSON ink cartridges:

- Black: T486011
- Cyan/light cyan: T489011
- Magenta/light magenta: T488011
- Yellow: T487011

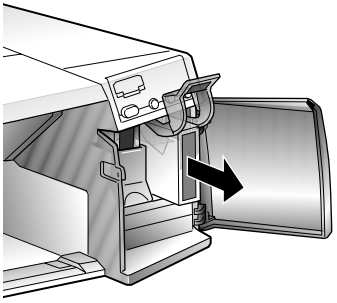
To order EPSON ink cartridges, contact your dealer or call EPSON at (800) 873-7766 or visit the EPSON Store at www.epsonstore.com (U.S. only). In Canada, please call (800) 873-7766 for dealer referral.

1. Make sure the printer is turned on, and determine which cartridge needs to be replaced by checking the control panel lights.



2. Open the appropriate ink cartridge compartment door.

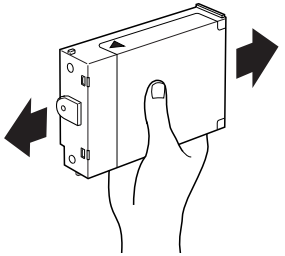
   The compartment for the black and cyan cartridges is on the left; the compartment for magenta and yellow is on the right.



3. Lift up the clamp for the empty cartridge, then carefully pull the cartridge straight out of the printer.

4. Make sure the replacement cartridge is the correct color, then remove it from its package.

5. Shake the new cartridge gently, as shown.

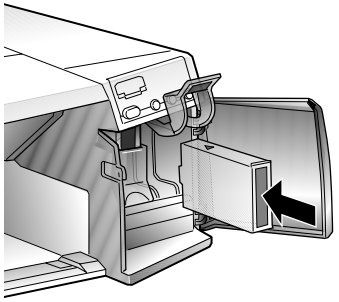


6. Insert the ink cartridge with the arrow mark face-up and the pointing into the printer.

7. Lower the clamp until it clicks into place.

8. Make sure the corresponding ◊ ink out light goes off.

   If it remains on, the cartridge may not be installed correctly. Remove the cartridge and reinsert it as described above.



9. Close the compartment door and resume printing.

If ink gets on your hands, wash them thoroughly with soap and water. If ink gets in your eyes, flush them immediately with water.

To avoid injury, do not reach into the ink cartridge compartments.

Don't shake the cartridge you remove; ink may leak out.

Aligning the Print Head

If banding appears on your prints, or vertical lines are not straight, you need to align the print head. Before you begin, load several sheets of one of these types of paper, letter-size or larger, in the main paper tray:

- Archival Matte Paper
- Premium Glossy Photo Paper, or
- Professional Glossy Paper

There are two ways to align the print head:

- Using the Print Head Alignment utility in your printer software, as described below (not available if you're accessing the printer over a network)
- Using the printer's control panel buttons, as described on page 6-9

Running the Print Head Alignment Utility

1. Make sure the printer is turned on but not printing, and the paper described above is loaded in the main paper tray.

2. If you have an application running, access the printer settings dialog box as described on page 3-2 (Macintosh) or page 4-1 (Windows).

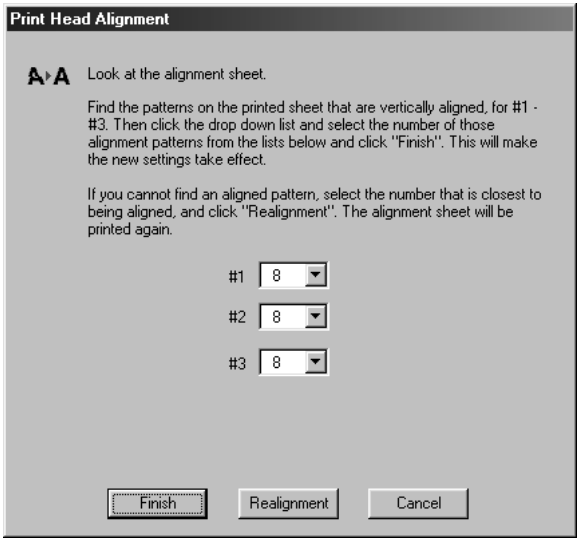
   Or, with Windows, click Start, point to Settings, and select Printers. Right-click the EPSON Stylus Pro 5500 printer icon. Then select Properties (Windows 95, 98, or Me), Document Defaults (Windows NT), or Printing Preferences (Windows 2000).

3. **Macintosh:** Click the utility button.

   Windows: Click the Utility tab.

4. Click the Print Head Alignment button.

5. Follow the instructions on the screen to print a test page. Printing takes several minutes. You see this window:



Note

You may want to check the alignment patterns using a standard 8X loupe so they're easier to see.

You may need to align more than once for optimum results.

6. On the printed page, select the pattern that shows the two vertical lines most precisely printed on top of each other. Select one pattern each for rows 1, 2, and 3. Then enter the number of the best pattern for each row in the corresponding boxes on the screen.

7. Click Realignment to print another test page. Make sure the pattern numbered 8 in each row is the best aligned. If not, repeat steps 6 and 7.

8. When you're finished, click Finish.

Aligning the Print Head from the Control Panel

It may take up to seven minutes for the printer to print the patterns.

1. Turn off the printer, if necessary.
2. Hold down both the Reset and Eject/Continue buttons while you press and hold the ⏻ Operate button to turn on the printer. Release all three buttons when the ⏻ Operate light starts flashing.

   The printer enters print head alignment mode and three patterns, similar to the ones on the right, are printed:

3. Check the printout and select the numbered pattern, from #1 to #3, that is misaligned. (If more than one pattern is misaligned, select the most misaligned one.)

   For example, pattern #2 here is the most misaligned.

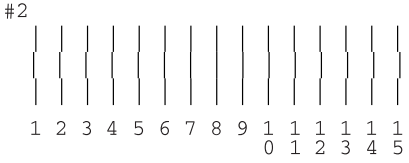
4. Press the Reset button repeatedly until the ◊ ink out light representing the misaligned pattern comes on. For example, press Reset until the cyan ◊ ink out light comes on to indicate pattern #2.

Ink out light indicators for misaligned pattern

Pattern #	Black ◊ ink out	Cyan ◊ ink out	Magenta ◊ ink out
1	On	—	—
2	—	On	—
3	—	—	On

5. Press the Eject/Continue button to enter your selection.

   The printer prints 15 patterns, similar to the ones below. The ⏻ Operate light flashes while they print. This takes a couple of minutes.



6. Check the printout and select the numbered pattern that is correctly aligned. For example, pattern 8 here is aligned.

7. Press the Eject/Continue button (to move forward) or the Reset button (to move backward) until the ◊ ink out light(s) representing the correctly aligned pattern come(s) on. See the table below.

Ink out light indicators for correctly aligned pattern

Pattern #	Black ◊ ink out	Cyan ◊ ink out	Magenta ◊ ink out	Yellow ◊ ink out
1	On	—	—	—
2	—	On	—	—
3	On	On	—	—
4	—	—	On	—
5	On	—	On	—
6	—	On	On	—
7	On	On	On	—
8	—	—	—	On
9	On	—	—	On
10	—	On	—	On
11	On	On	—	On
12	—	—	On	On
13	On	—	On	On
14	—	On	On	On
15	On	On	On	On

   For example, to select the correct alignment pattern 8 from the sample above, press the Eject/Continue or Reset button until the yellow ◊ ink out light comes on.

8. Press the Cleaning button to enter your selection. The printer returns to print head alignment mode.

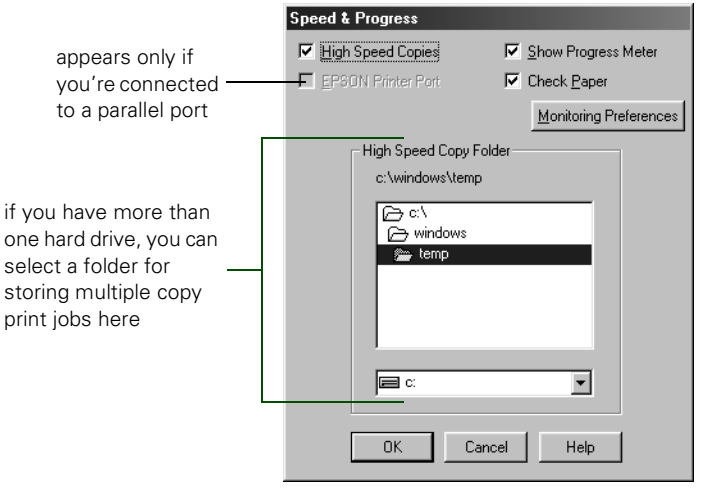
9. If other numbered patterns on the first printout are misaligned (as shown in step 3), repeat steps 2 through 9.

10. When you're finished aligning the print head, press the ⏻ Operate button to save the alignment setting and turn off the printer.

Running the Speed & Progress Utility for Improved Windows Printing

With the Speed & Progress utility, you can speed up the way your printer driver processes multiple-copy print jobs, optimize your printer's parallel port for the fastest data transfer rate, and control display of the Progress Meter and Paper Check windows. To access the utility, you must open your printer software from the Windows Printers utility as described below.

1. Click **Start**, point to **Settings**, then click **Printers**.
2. Right-click your printer icon and select **Properties** (Windows 95, 98, or Me), **Document Defaults** (Windows NT), or **Printing Preferences** (Windows 2000) from the menu.
3. Click the **Utility** tab. You see the Utility menu.
4. Click the **Speed & Progress** button. You see this dialog box:



5. Select from the following options:
   - **High Speed Copies** speeds up printing of multiple copies of the same document using hard disk space as a cache. If you have multiple hard drives, you can select a folder for storing the copies.
   - **Show Progress Meter** lets you control whether or not the Progress Meter is displayed when you send a print job.

Note

For instructions on setting the monitoring preferences, see page 5-7.

- Check Paper lets you control whether or not the Paper Check dialog box is displayed when the paper settings in your printer software don't match the paper tray lever settings.
- EPSON Printer Port (Windows 95, 98, or Me with parallel connection only) lets you optimize the transfer rate of your printer port for EPSON printers instead of using the Windows default printer port. You may see one of these messages beneath the EPSON Printer Port option:

  High speed (DMA) transfer enabled tells you that you're already using fast DMA transfer mode.

  For higher data transfer rates, use DMA transfer lets you know that you can speed up printing by enabling DMA transfers on your system, if your computer supports them. For more information, see your computer documentation or contact your computer manufacturer's technical support.

  If you see no message, you cannot enable DMA transfers on your system. However you may be able to configure you parallel port for ECP mode to speed up transfers. See your computer documentation or contact your computer manufacturer's technical support.

6. Click OK to return to the Utility menu, then click OK to exit.

Cleaning the Printer

To keep your printer operating at its best, you should clean it thoroughly several times a year.

Don't touch the gears inside the printer.

Never use alcohol or thinner to clean the printer; these chemicals can damage the components as well as the case.

Be careful not to get water on the printer mechanism or electronic components.

Don't use a hard or abrasive brush.

Don't spray lubricants or oils inside the printer; they can damage the mechanism.

1. Remove any paper in the printer and paper trays. Press the Eject/Continue button to eject any paper that has been fed into the printer.
2. Turn off the printer. Then unplug the power cord and disconnect it from the computer.
3. Use a soft brush to carefully clean away all dust and dirt.
4. If the outer case or the inside of the paper trays are dirty, clean them with a soft, clean cloth dampened with mild detergent.

Keep the printer cover and ink cartridge compartments closed to prevent water from getting inside.

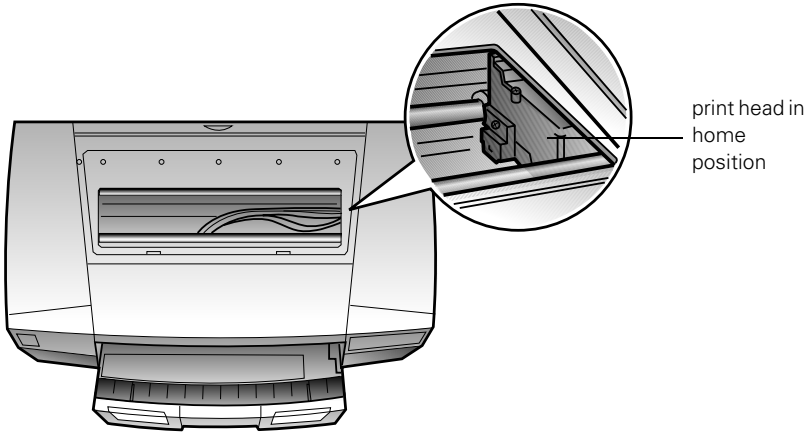
5. If the inside of the printer accidentally gets soiled with ink, wipe it off with a damp cloth.

Transporting the Printer

If you need to ship your printer, you must prepare it for transportation and repack it in the original box. You must also remove the ink cartridges, to avoid the possibility of ink leakage. However, if you are moving the printer only a short distance, for example, from one table to another, you don't need to remove the cartridges.

Be sure to keep the printer level whenever you move it.

1. Turn on the printer.
2. Remove any paper in the printer and in the paper trays. Press the Eject/Continue button to eject any paper that has been fed into the printer.
3. If you're shipping the printer or moving it a long distance, remove all four of the ink cartridges. Be sure to store them in **separate, resealable plastic bags**. Close the ink cartridge clamps and compartment covers.
4. Turn off the printer and make sure the print head is in the home (far right) position, as shown below:



Caution

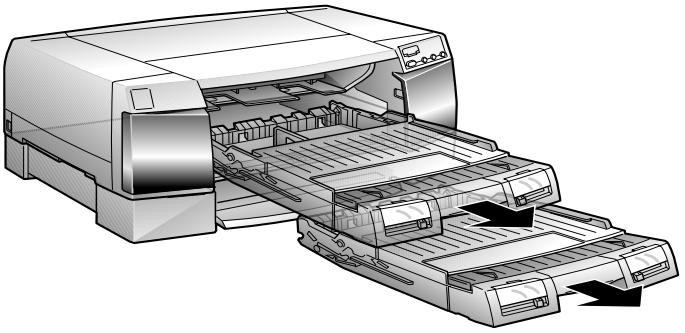
You must remove the ink cartridges before shipping the printer to prevent leakage. Remove the ink cartridges while the printer is turned on, and then turn off the printer using the Operate button. This will properly close and seal the ink supply valves.

Don't turn off the printer by unplugging it or turning off a power strip. This will not properly lock the print head in the home position, causing ink to leak out and damage the printer.

If it's not, turn the printer back on, wait until the print head stops moving and is in the home position, then turn off the printer. After you turn it off, the ⏻ Operate light may flash for a while. Do not unplug the power cord until the light goes off.

5. Unplug the power cord from the electrical outlet, then disconnect the interface cable from the printer.

6. Remove the standard paper tray. If the optional lower paper cassette is installed, remove the lower tray too.



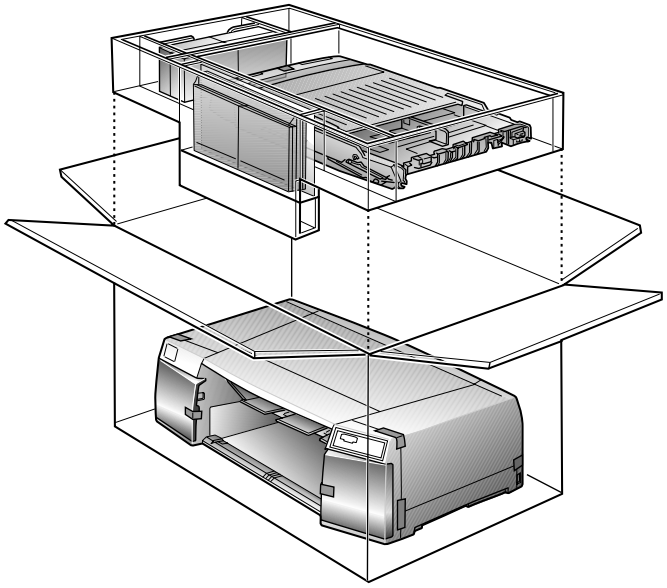
Caution

The printer weighs approximately 50 lb. Do not try to lift or carry the printer alone.

7. If the optional lower paper cassette is installed, unscrew it and lift the printer off of the cassette.

8. Insert the protective materials you removed when you unpacked the printer.

9. Repack the printer, paper tray, and any other parts in the original boxes.



Remember to keep the printer level during transport.

To set up the printer after transporting it, follow the instructions in Chapter 1, except:

- Turn off the printer before reinstalling the cartridges, if you removed them before transporting the printer. It is best to install new cartridges because your printer's ink counter will be reset and able to report the remaining ink level accurately.
- The first time you print after transporting the printer, the print head nozzles may be clogged. You may need to run a cleaning cycle, as described on page 6-1.

Chapter 7: Troubleshooting

As you use your printer, you may occasionally experience a problem. The first thing you should do is diagnose the problem following the guidelines in this chapter. Then try the most likely solutions until the problem is fixed.

This chapter provides instructions for the following:

- Diagnosing problems
- Improving print quality
- Solving general printing problems
- Solving paper problems
- Uninstalling and reinstalling EPSON printer drivers and utilities

Diagnosing Problems

Your EPSON Stylus Pro 5500 includes a number of ways to help you diagnose problems:

- To identify the most common problems, check the lights on the printer's control panel. See page 7-3 through page 7-5 for instructions.
- To determine whether the problem is caused by the printer itself, disconnect the printer from your computer and run a printer check. See page 6-4 for instructions.
- If none of the suggested solutions in this chapter solve your problem, contact EPSON as described under "Where To Get Help" on page 5.

Improving Print Quality

You can often improve print quality by doing the following:

- Run a cleaning cycle. See page 6-1 for instructions.
- When you send a print job, match the Media Type setting in your printer software to the type of paper you're using. See Chapter 3 (Macintosh) or Chapter 4 (Windows) for details.
- Make sure the media type and paper size levers on the paper tray are set correctly. See Chapter 2 for details.

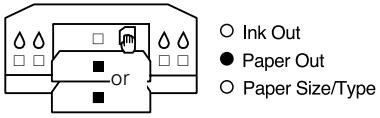
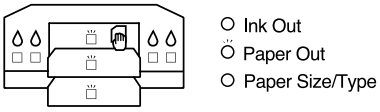
If this happens:	Try this:
Your printout has horizontal or vertical banding.	• Make sure your paper is loaded with the printable side in the correct orientation. The printable side should be face-down in the tray or front manual feed slot; face up in the rear manual feed slot. • Make sure the Media Type setting for your print job matches the paper you're using and the paper tray levers are set correctly. See Chapter 2 for more information. • Run a cleaning cycle. See page 6-1 for instructions. • Align the print head. See page 6-7 for instructions. • Check the Ink Out light to see if one of the cartridges is low on ink; then replace the cartridge. See page 6-5 for instructions. • Try using Automatic mode. See page 3-2 (Macintosh) or page 4-1 (Windows) for instructions.
Your printout is faint, blurry, or grainy, or colors are incorrect or missing.	• Make sure the Media Type setting for your print job matches the paper you're using and the paper tray levers are set correctly. See Chapter 2 for more information. • Make sure your paper is loaded with the printable side facing the correct way. The printable side should be face-down in the trays or front manual feed slot; face-up in the rear manual feed slot. • Make sure the paper is not damp or damaged in any way. • Try using Automatic mode, setting the Quality/Speed slider to Quality, make sure the Ink setting is set to Color for color images, and your application is set for color printing. See page 3-2 (Macintosh) or page 4-1 (Windows) for instructions. If you're printing a high-resolution image, also turn off PhotoEnhance and check if you're using a special effect that alters image colors, such as Sepia. • Run a cleaning cycle. See page 6-1 for instructions. • Check the Ink Out light to see if one of the cartridges is low on ink; then replace the cartridge. See page 6-5 for instructions. • Align the print head. See page 6-7 for instructions.

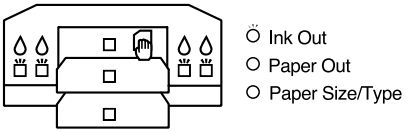
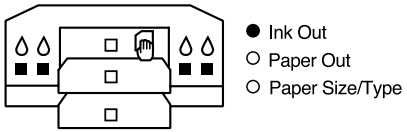
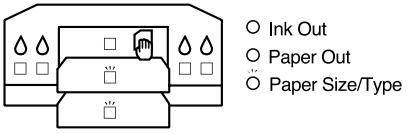
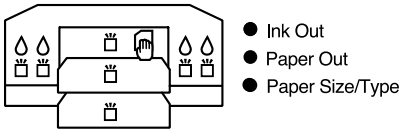
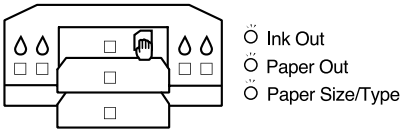
If this happens:	Try this:
Your printout is smeared.	• If you're printing on thick paper in the paper tray, make sure you set the media type lever to Thick Paper. If you're feeding thick paper manually, follow the instructions on page 2-6. • If you're printing on a paper with a support sheet in the package, print with the support sheet or sheet of plain paper under the paper stack. Load the correct number of sheets for your paper type; see page 2-3 for more information. • If ink has leaked inside the printer, carefully clean it following the instructions on page 6-12.

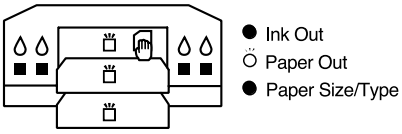
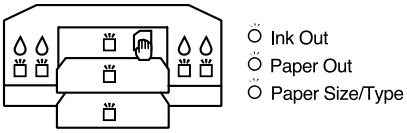
Solving General Printing Problems

If the printer won't print, first check that:

- The printer is turned on and the ⏻ Operate light is on.
- Paper is loaded in the printer.
- The printer is plugged securely into a working electrical outlet that's not controlled by a switch or timer.
- The interface cable is securely connected to the printer and your computer.

If this happens:	Try this:
Paper Out light on and standard or optional lower paper tray light on 	• Paper is out or incorrectly loaded, or the paper tray is not installed. Load paper, or make sure paper is loaded correctly, in the corresponding tray. See Chapter 2 for details.
Paper Out light flashing and all paper lights flashing 	• Paper may be jammed in the printer or the paper path cover is open. Turn off the printer and remove any jammed paper. Also close the paper path cover, if necessary. See page 2-10 for details.

If this happens:	Try this:
Ink Out light flashing and one or more ◊ ink out lights flashing  	• The corresponding ink cartridge nearly empty. Obtain a replacement ink cartridge, then replace it following the instructions on page 6-5.
Ink Out light on and one or more ◊ ink out lights on  	• The corresponding ink cartridge empty or not installed. Replace the ink cartridge (or make sure it's installed correctly) following the instructions on page 6-5.
Paper Size/Type light flashing and one or both paper tray lights flashing  	• The Paper Size and/or Media Type settings don't match the printer's lever settings. See Chapter 3 (Macintosh) or Chapter 4 (Windows) for instructions on changing the software settings, if necessary. See Chapter 2 for lever setting details. (Press the Eject/Continue button to force print.)
Ink Out, Paper Out, and Paper Size/Type lights on and all paper tray and ◊ ink out lights flashing  	• The print head is too hot. Turn off the printer, wait a few moments, then turn it back on. Run a nozzle check and, if necessary, clean the print head as described on page 6-4.
Ink Out, Paper Out, and Paper Size/Type lights flashing, but the paper tray and ◊ ink out lights are off.  	• Printer maintenance will be required soon. Turn off the printer and contact EPSON as described in the Introduction.

If this happens:	Try this:
Paper Out and ⏻ Operate lights flashing, Ink Out and Paper Size/Type lights on, all paper tray lights flash, and 💧 ink out lights are on  	• Printer maintenance is required now. Turn off the printer and contact EPSON as described on page 5.
All control panel lights flashing  	• An unknown error has occurred. Turn off the printer and remove any foreign objects or paper that may be obstructing print head movement. Then turn on the printer again. If you still see the error indicators, turn off the printer and contact EPSON as described on page 5.
Your printer icon (SPro 5500) doesn't appear in the Macintosh Chooser.	• You may have too many items in the Chooser. Delete any unused items and check the Chooser again.
Your computer doesn't seem to recognize the printer in Windows.	• Make sure that the Universal Serial Bus Controller is working properly in Device Manager; see your computer documentation. If it is not working, contact your computer dealer. • If you connected your printer to a USB hub port, uninstall the printer software (as described on page 7-7), connect the printer directly to a USB port on your computer, and reinstall the software (as described in Chapter 1). • Make sure your system meets the requirements listed on page 4.
You turned the printer on and it is making noise.	• Wait until the printer finishes testing and cleaning the print head before you print. If the printer has been turned off for a while (for example, over the weekend), it performs a longer cleaning cycle before printing. This can take several minutes; do not turn off the printer during this process.

Solving Paper Problems

You can avoid most paper handling problems by doing the following:

- Use smooth, high-quality papers designed for ink jet printers, and make sure they meet the specifications in Appendix A.
- Make sure the paper is dry and flat before loading it.
- Follow all loading and handling instructions included with the paper and in Chapter 2.

If you have problems with paper feeding, paper jams, or ejected paper, check here for solutions.

If this happens:	Try this:
Paper doesn't feed correctly from one of the paper trays, or more than one sheet feeds at a time.	Remove the stack of paper from the tray, and check that the paper: • Isn't curled or creased. • Isn't too thick or thin (see Appendix A). • Isn't overloaded in the feeder. See Chapter 2 for guidelines. • Isn't stuck together. • Isn't jammed inside the printer. If the Paper Out light is flashing, paper may be jammed. See page 2-10. Then reload the paper, making sure that: • The edge guides fit the paper's width snugly, but not too tight. • You fan the paper stack and tap it on a flat surface to even the edges. • You load paper in the appropriate paper path. See Chapter 2 for guidelines. • You use a support sheet under the paper stack, if necessary. See page 2-3 for guidelines.
Single sheets don't feed from one of the manual feed slots.	• Make sure the paper isn't too thick or too thin, curled, or folded. • Make sure you insert the sheet into the slot until it meets resistance. • Make sure the correct Paper Source setting is selected in your printer software. See Chapter 3 (Macintosh) or Chapter 4 (Windows) for instructions.

If this happens:	Try this:
Ejected paper is wrinkled.	• Make sure the paper isn't damp. Don't store paper in a damp or humid environment, and keep it in its original packaging. • Make sure the paper isn't too thin. • Make sure the paper is feeding straight.
Paper doesn't eject fully.	• Press the Eject/Continue button. • Make sure the Paper Size setting in your printer software and the paper size lever match the paper you're using.

Uninstalling and Reinstalling the Printer Software

If you need to uninstall and then reinstall the printer software for any reason, follow the instructions in the appropriate section below.

Macintosh

1. Insert your printer software CD-ROM. Then double-click the CD-ROM icon to open it, if necessary. Double-click the Printer Driver Installer folder, then double-click the Stylus Pro 5500 Installer icon. Click Continue on the next screen.

2. On the installer screen, click the arrow in the Easy Install list at the top and select Uninstall. Then click the Uninstall button at the bottom and follow the on-screen instructions.

3. Restart your Macintosh. Then follow the instructions beginning on page 1-19 to reinstall your printer software.

Windows

1. Double-click My Computer, then double-click the Control Panel icon.

2. Double-click Add/Remove Programs. Click EPSON Printer Software in the program list, then select your EPSON Stylus Pro 5500 printer icon.

3. Click the Add/Remove button (Change/Remove button in Windows 2000) and follow the instructions.

4. If you're using the USB port in Windows 98 or Me, click EPSON USB Printer Devices in the program list; then click the Add/Remove button.

5. Restart your computer. Then follow the instructions beginning on page 1-18 to reinstall your printer software.

Appendix A: Specifications

Printing

Printing method	On-demand ink jet
Nozzle configuration	96 nozzles × 6 (black, cyan, magenta, yellow, light cyan, light magenta)
Resolution	Maximum 2880 dpi × 720 dpi
Ink type	EPSON Archival Ink (pigment based)
Print direction	Bidirectional with logic seeking
Control code	ESC/P Raster™
Line spacing	1/6 inch (default), programmable in 1/720-inch increments
Paper feed speed	79 milliseconds per 1/6-inch line 152 mm per second in continuous feeding
Input buffer	256KB

Paper

Size	Paper types*	Thickness	Weight
Letter (8.5 × 11 inches) A3 (11.7 × 16.5 inches A4 (8.3 × 11.7 inches) A5 (5.8 × 8.3 inches) A6 (4.1 × 5.8 inches) Legal (8.5 × 14 inches) Half Letter (5.5 × 8.5 inches) Executive (7.5 × 10 inches) Super A3/B (13 × 19 inches) US B (11 × 17 inches) B4 (10.1 × 14.2 inches) B5 (7.2 × 10.1 inches)	Plain bond paper and special ink jet papers distributed by EPSON**	Plain paper: 0.003 to 0.004 inch (0.08 to 0.11 mm)	Plain paper: 17 to 24 lb (64 to 90 g/m^2)

* Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, EPSON cannot attest to the quality of any non-EPSON brand or type of paper. Always test samples of paper stock before purchasing large quantities or printing large jobs. Poor quality paper may reduce print quality and cause paper jams and other problems. If you encounter problems, switch to a higher grade of paper.

** Special papers distributed by EPSON are usable only under these conditions:

Temperature: 59 to 77 °F (15 to 25 °C)
Humidity: 40 to 60% RH

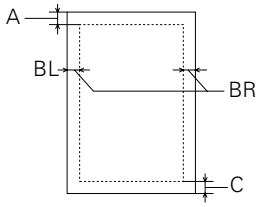
Caution

To ensure good results, use genuine EPSON ink cartridges. Other products may cause damage to your printer not covered by EPSON's warranty.

Don't use an ink cartridge if the date on the package has expired.

Printable Areas

Single sheets



A: Minimum top margin: 0.12 inch (3.0 mm)
B: Minimum left and right margins: 0.12 inch (3.0 mm)
C: Minimum bottom margin: 0.55 inch (14.0 mm)

The maximum printable width is 12.7 inches (416 mm).

Ink Cartridges

Specification	Black (T486011)	Cyan, light cyan (T489011)	Magenta, light magenta (T488011)	Yellow (T487011)
Print capacity*	2500 pages (A4, 720 dpi, 5% coverage)	2400 pages (A4, 720 dpi, 5% coverage each color)		2500 pages (A4, 720 dpi, 5% coverage)
Cartridge life	2 years from production date			
Storage temperature	Installed: –4 to 104 °F (–20 to 40 °C), 1 month at 104 °F (40 °C) Not installed: –22 to 104 °F (–30 to 40 °C), 1 month at 104 °F (40 °C)			
Transit temperature	–22 to 140 °F (–30 to 60 °C), 1 month at 104 °F (40 °C), 120 hours at 140 °F (60 °C)			
Freezing temperature**	5 °F (–15 °C)			
Dimensions	0.99 (W) × 5.5 (D) × 4.2 (H) inches 25.1 (W) × 139.6 (D) × 105.3 (H) mm	1.4 (W) × 5.6 (D) × 4.2 (H) inches 35.1 (W) × 140.9 (D) × 105.3 (H) mm		0.99 (W) × 5.5 (D) × 4.2 (H) inches 25.1 (W) × 139.6 (D) × 105.3 (H) mm
Weight (approximate)	7.05 oz (200 g)	8.8 oz (250 g)		7.05 oz (200 g)

* The print capacity may vary, depending on how often you run cleaning cycles.

** Ink thaws and is usable after approximately 3 hours at 77 °F (25 °C).

Mechanical

Paper feed method	Friction
Paper path	Paper tray, front and rear manual feed slots, optional lower paper cassette
Paper tray capacity	250 sheets of 17 lb (64 g/m^2) plain paper; for EPSON media capacity, see page 2-3
Output tray capacity	75 sheets of 24 lb (90 g/m^2) plain paper
Dimensions	**Storage** Width: 25.2 inches (640 mm) Depth: 17.3 inches (439 mm) maximum Height: 8.8 inches (224 mm) **Printing** **(A3 size paper)** Width: 25.2 inches (640 mm) Depth: 27.7 inches (704 mm) maximum Height: 8.8 inches (224 mm) **Printing** **(A4 size paper, lower paper cassette installed)** Width: 25.2 inches (640 mm) Depth: 23 inches (584 mm) maximum Height: 12.5 inches (318 mm)
Weight	48.5 lb (22 kg) without the ink cartridges

Check the label on the back of the printer for your printer's voltage.

Electrical

Specification	120V model	220–240V model
Input voltage range	99 to 132V	198 to 264V
Rated frequency range	50 to 60 Hz	
Input frequency range	49.5 to 60.5 Hz	
Rated current	1.0A	
Power consumption	Approx. 26W (ISO/IEC 10561 Letter Pattern) 10W or less in standby mode	

Environmental

Temperature	Operation:	50 to 95 °F (10 to 35 °C)
	Storage:	–4 to 140 °F (–20 to 60 °C), stored in shipping container 1 month at 104 °F (40 °C) 120 hours at 140 °F (60 °C)
Humidity	Operation:	20 to 80% RH
	Storage:	5 to 85% RH (stored in shipping container, without condensation)

Safety Approvals

Safety standards	UL 1950, CSA C22.2 950
EMC	FCC part 15 subpart B class B CSA C108.8 class B

Interfaces

Parallel Interface

Compatibility mode	**Forward channel** Data format: 8-bit parallel, IEEE-1284 compatibility mode Synchronization: $\overline{\text{STROBE}}$ pulse Handshake timing: BUSY and $\overline{\text{ACKNLG}}$ signals Signal level: TTL compatible Connector: 57-30360 Amphenol connector or equivalent **Reverse channel** Transmission mode: IEEE-1284 Nibble mode Synchronization: Refer to IEEE-1284 specification Handshaking: Refer to IEEE-1284 specification Signal level: IEEE-1284 Level 1 device Data transmission timing: Refer to IEEE-1284 specification Connector: 57-30360 Amphenol connector or equivalent
ECP mode	Transmission mode: IEEE-1284 ECP mode Synchronization: Refer to IEEE-1284 specification Handshaking: Refer to IEEE-1284 specification Signal level: IEEE-1284 Level 1 device Data transmission timing: Refer to IEEE-1284 specification Connector: 57-30360 Amphenol connector or equivalent

USB Interface

Standard	Based on Universal Serial Bus Specifications Revision 1.1, Universal Serial Bus Device Class Definition for Printing Devices Version 1.1
Bit rate	12 Mbps (full speed device)
Adaptable connector	USB Series B
Recommended cable length	6.6 ft (2 m)

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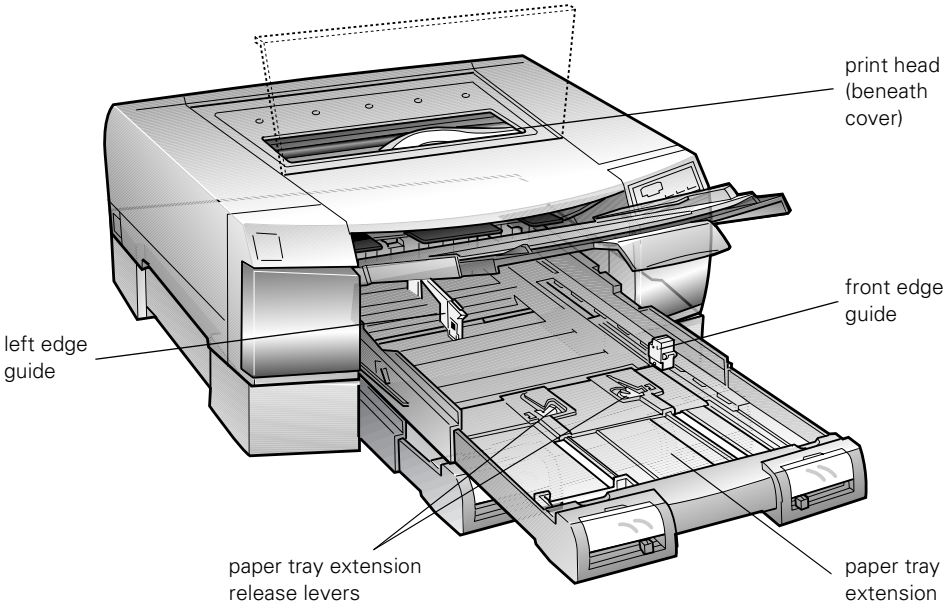
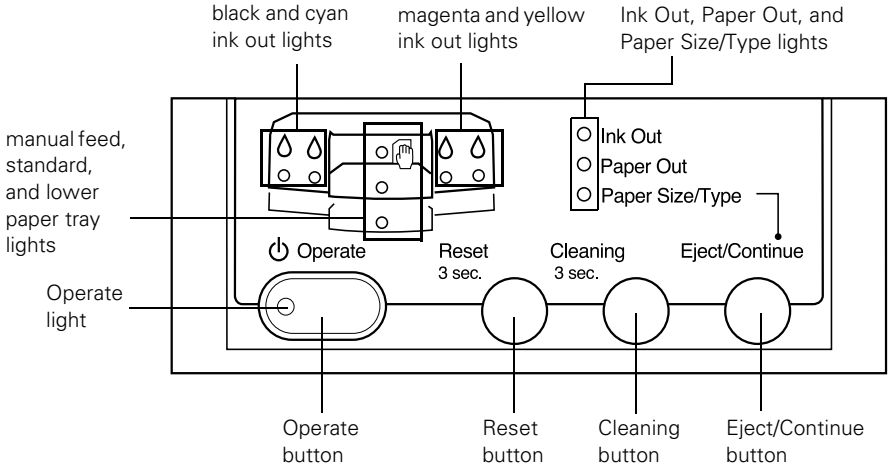

print head
(beneath
cover)
front edge
guide
left edge
guide
paper tray extension
release levers
paper tray
extension


black and cyan
ink out lights
magenta and yellow
ink out lights
Ink Out, Paper Out, and
Paper Size/Type lights
manual feed,
standard,
and lower
paper tray
lights
Operate
light
Ink Out
Paper Out
Paper Size/Type
Operate
Reset
3 sec.
Cleaning
3 sec.
Eject/Continue
Operate
button
Reset
button
Cleaning
button
Eject/Continue
button